

## Tell us what you think

Your feedback plays an important role in how we develop, market, support and resource qualifications now and into the future. Here at OCR, we want teachers and students to enjoy and get the best out of our qualifications and resources, but to do that we need honest opinions to tell us whether we're on the right track or not. That's where you come in.

You can email your thoughts to <u>ProductDevelopment@OCR.org.uk</u> or visit the <u>OCR feedback page</u> to learn more about how you can help us improve our qualifications.



Designing and testing in collaboration with teachers and students



Helping young people develop an ethical view of the world



Equality, diversity, inclusion and belonging (EDIB) are part of everything we do

## Are you using the latest version of this specification?

The latest version of our specifications will always be on <u>our website</u> and may differ from printed versions. We will inform centres about changes to specifications.

#### Disclaimer

Specifications are updated over time. Whilst every effort is made to check all documents, there may be contradictions between published resources and the specification, therefore, please use the information on the latest specification at all times. Where changes are made to specifications these will be indicated within the document, there will be a new version number indicated, and a summary of the changes. If you do notice a discrepancy between the specification and a resource please contact us at: resources.feedback@ocr.org.uk

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## 1 Why choose OCR?

Choose OCR and you've got the reassurance that you're working with one of the UK's leading exam boards. We've developed our specifications in consultation with teachers, employers, subject experts and higher education institutions (HEIs) to give students a qualification that's relevant to them and meets their needs.

We're part of Cambridge University Press & Assessment. We help millions of people worldwide unlock their potential. Our qualifications, assessments, academic publications and original research spread knowledge, spark curiosity and aid understanding around the world.

We work with a range of education providers in both the public and private sectors. These include schools, colleges, HEIs and other workplaces. Over 13,000 centres choose our A Levels, GCSEs and vocational qualifications including Cambridge Nationals and legacy Cambridge Technicals.

### 1.1 Our specifications

We provide specifications that help you bring the subject to life and inspire your students to achieve more.

We've created teacher-friendly specifications based on extensive research and engagement with the teaching community. Our specifications are designed to be straightforward to deliver and accessible for students. The design allows you to tailor the delivery of the course to suit your needs.

## 1.2 Our support

We provide a range of support services to help you at every stage, from preparation to delivery:

- A wide range of high-quality creative resources including resources created by leading organisations in the industry.
- Textbooks and teaching and learning resources from leading publishers. The Cambridge Advanced Nationals page on our website has more information about all the published support for the qualifications that we have endorsed.
- Professional development for teachers to meet a range of needs. To join our training (either face-to-face or online) or to search for training materials, go to the **Professional** Development page on our website.
- **Active Results** which is our free results analysis service. It helps you review the performance of individual students or whole groups.
- **ExamBuilder** which is our free question-building platform. It helps you to build your own tests using past OCR exam questions.
- OCR Subject Advisors, who give information and support to centres. They can help with specification and non examined assessment (NEA) advice, updates on resources developments and a range of training opportunities. They use networks to work with subject communities and share ideas and expertise to support teachers.

#### 1.2.1 More help and support

Whether you are new to OCR or already teaching with us, you can find useful information, help and support on our **website**. Or get in touch:

support@ocr.org.uk @ocrexams

## 1.3 Aims and learning outcomes

Our Cambridge Advanced Nationals in Health and Social Care will encourage students to:

- develop key knowledge, understanding and skills, relevant to the subject
- think creatively, innovatively, analytically, logically and critically
- develop valuable communication skills that are important in all aspects of further study and life
- develop transferable learning and skills, such as evaluation, planning, presentation and research skills, that are important for progression to HE and can be applied to real-life contexts and work situations
- develop independence and confidence in applying the knowledge and skills that are vital for progression to HE and relevant to the health and social care sector and more widely.

## 1.4 What are the key features of this specification?

The key features of OCR's Cambridge Advanced Nationals in Health and Social Care for you and your students are:

- a simple and intuitive assessment model, that has:
  - o externally assessed units, which focus on subject knowledge and understanding
  - applied or practical non examined assessment units (NEA)
  - o optional NEA units to provide flexibility
- a specification developed with teachers specifically for teachers. The specification lays out the subject content, assessment criteria, teacher guidance and delivery requirements clearly
- a flexible support package made based on teachers' needs. The support package will help teachers to easily understand the qualification and how it is assessed
- a team of OCR Subject Advisors who directly support teachers
- a specification designed to:
  - o complement A Levels in a Post-16 curriculum
  - develop wider transferable skills, knowledge and understanding desired by HEIs. More detail about the transferable skills these qualifications may develop is in **Section 5.3**.

All Cambridge Advanced National qualifications offered by OCR are regulated by Ofqual, the Regulator for qualifications offered in England.

The qualification numbers for OCR's Alternative Academic Qualification Cambridge Advanced Nationals in Health and Social Care are:

Certificate: QN 610/3985/8

Extended Certificate: QN 610/3986/X

## 1.5 Acknowledgements

We would like to acknowledge the following Higher Education Providers for their input and support in designing these qualifications:
Aston University
Birmingham City University
Coventry University
De Montfort University
Leeds Beckett University
Nottingham Trent University
Sheffield Hallam University
University of Bolton
University of Cumbria
University of Derby
University of Lincoln
University of Northampton

## 2 Qualification overview

# 2.1 OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate) at a glance

Qualification number	610/3985/8				
First entry date	01 September 2025				
Guided learning hours (GLH)	180				
Total qualification time (TQT)	223				
OCR entry code	H025				
Approved age range	16-18, 18+, 19+				
Offered in	England only				
Performance table information	This qualification is designed to meet the Department for Education's requirements for qualifications in the Alternative Academic Qualifications category of the 16-19 performance tables.				
Eligibility for funding	This qualification meets funding approval criteria.				
UCAS Points	This qualification is recognised in the UCAS tariff tables.				
	You'll find more information on the UCAS website.				
This qualification	are age 16-19 and on a full-time study programme				
is suitable for students who:	want to develop applied knowledge and skills in health and social care				
	want to progress onto other related study, such as higher education courses in health and social care				
Entry requirements	There is no requirement for students to achieve any specific qualifications before taking this qualification				
Qualification	Students must complete three units:				
requirements	one externally assessed unit				
	two NEA units				
Assessment	Unit F090 is assessed by an exam and marked by us.				
method/model	You will assess the NEA units and we will moderate them.				
	The NEA assignments are live for 2 years. The front cover details the intended cohort. You must make sure you use the live assignment that relates to the student's cohort for assessment and submit in the period in which the assignments are live.				
	For example, a cohort beginning a 2-year course in September 2026 should use the set of assignments marked as being for 2026-2028 so that whatever order assignments are taken in, they will be able to resubmit improved work on the same NEA assignment if they wish to during their study of the qualification.				

	Centres should avoid allowing new cohorts to use assignments which have already been live for a year, e.g. students who start the course in September 2027 using assignments for the 2026-2028 cohorts.  Centres must have suitable controls in place to ensure that NEA assignment work is completed by each student independently and must not allow previously completed work for assignments which are still live to be shared as examples with other students.				
Exam series each year	January .				
j	• June				
Exam resits	Students can resit the examined unit twice before they complete the qualification.				
NEA submission	There are two windows each year to submit NEA outcomes and request a moderation visit by an OCR Assessor.				
	You must make unit entries for students before you can submit outcomes to request a visit.				
	All dates are on our administration pages.				
Resubmission of students' NEA work	If students have not performed at their best in the NEA assignments they can improve their work and submit it to you again for assessment. They must have your agreement and you must be sure it is in the student's best interests.				
	We use the term 'resubmission' when referring to student work that has previously been submitted to OCR for moderation. Following OCR moderation, a student can attempt to improve their work for you to assess and provide the final mark to us. There is one resubmission opportunity per NEA assignment.				
	All work submitted (or resubmitted) must be based on the assignment that is live for assessment.				
	For information about feedback see <b>Section 6</b> . The final piece of work must be completed solely by the student and teachers must not detail specifically what amendments should be made.				
Grading	Information about unit and qualification grading is in Section 5.				

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# 2.2 OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate) at a glance

Qualification number	610/3986/X				
First entry date	01 September 2025				
Guided learning hours (GLH)	360				
Total qualification time (TQT)	493				
OCR entry code	H125				
Approved age range	16-18, 18+, 19+				
Offered in	England only				
Performance table information	This qualification is designed to meet the Department for Education's requirements for qualifications in the Alternative Academic Qualifications category of the 16-19 performance tables.				
Eligibility for funding	This qualification meets funding approval criteria.				
UCAS Points	This qualification is recognised in the UCAS tariff tables.				
	You'll find more information on the UCAS website.				
This qualification	are age 16-19 and on a full-time study programme				
is suitable for students who:	want to develop applied knowledge and skills in health and social care				
	want to progress onto other related study, such as higher education courses in health and social care				
Entry requirements	There is no requirement for students to achieve any specific qualifications before taking this qualification				
Qualification	Students must complete six units:				
requirements	two externally assessed units				
	four NEA units				
Assessment	Units F090 and F091 are assessed by an exam and marked by us.				
method/model	You will assess the NEA units and we will moderate them.				
	The NEA assignments are live for 2 years. The front cover details the intended cohort. You must make sure you use the live assignment that relates to the student's cohort for assessment and submit in the period in which the assignments are live.				
	For example, a cohort beginning a 2-year course in September 2026 should use the set of assignments marked as being for 2026-2028 so that whatever order assignments are taken in, they will be able to resubmit improved work on the same NEA assignment if they wish to during their study of the qualification.				

	Centres should avoid allowing new cohorts to use assignments which have already been live for a year, e.g. students who start the course in September 2027 using assignments for the 2026-2028 cohorts.  Centres must have suitable controls in place to ensure that NEA assignment work is completed by each student independently and must not allow previously completed work for assignments which are still live to be shared as examples with other students.				
Exam series each year	January				
,	• June				
Exam resits	Students can resit each examined unit twice before they complete the qualification.				
NEA Submission	There are two windows each year to submit NEA outcomes and request a moderation visit by an OCR Assessor.				
	You must make unit entries for students before you can submit outcomes to request a visit.				
	All dates are on our administration pages.				
Resubmission of students' NEA work	If students have not performed at their best in the NEA assignments they can improve their work and submit it to you again for assessment. They must have your agreement and you must be sure it is in the student's best interests.				
	We use the term 'resubmission' when referring to student work that has previously been submitted to OCR for moderation. Following OCR moderation, a student can attempt to improve their work for you to assess and provide the final mark to us. There is one resubmission opportunity per NEA assignment.				
	All work submitted (or resubmitted) must be based on the assignment that is live for assessment.				
	For information about feedback see <b>Section 6</b> . The final piece of work must be completed solely by the student and teachers must not detail specifically what amendments should be made.				
Grading	Information about unit and qualification grading is in <b>Section 5</b> .				

### 2.3 Qualification structure

Key to units for these qualifications:

M = Mandatory Students must complete these units.

O = Optional Students must complete some of these units.

E = External assessment We set and mark the exams.

N = NEA We set the assignment. You assess the assignment and we

moderate it.

## OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate)

For this qualification, students must complete three units:

• One mandatory externally assessed unit

• Two mandatory NEA units

Unit no	Unit title	Unit ref no (URN)	Guided learning hours (GLH)	How is it assessed?	Mandatory or optional
F090	Principles of health and social care	M/651/0902	80	E	M
F092	Person-centred approach to care	T/651/0904	50	N	М
F093	Supporting people with mental health conditions	Y/651/0905	50	N	M

## OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate)

For this qualification, students must complete six units:

- Two mandatory externally assessed units
- Two mandatory NEA units
- Two optional NEA units

Unit no	Unit title	Unit ref no (URN)	Guided learning hours (GLH)	How is it assessed?	Mandatory or optional
F090	Principles of health and social care	M/651/0902	80	E	М
F091	Anatomy and physiology for health and social care	R/651/0903	80	E	М
F092	Person-centred approach to care	T/651/0904	50	N	M
F093	Supporting people with mental health conditions	Y/651/0905	50	N	М
F094	Supporting people with long term physiological conditions	A/651/0906	50	N	0
F095	Investigating public health	D/651/0907	50	N	0
F096	Supporting people in relation to sexual health, pregnancy and postnatal health	F/651/0908	50	N	0
F097	Supporting healthy nutrition and lifestyles	H/651/0909	50	N	0

### 2.4 Purpose statement – Certificate



OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate)

Qualification number: 610/3985/8

#### Overview

#### Who this qualification is for

The OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate) is for students aged 16-19 years old. It will develop knowledge, understanding and skills that will help prepare you for progression to undergraduate study when taken alongside other qualifications and are relevant to the health and social care sector.

You might be interested in this qualification if you want a small qualification to take alongside and enhance your A Level studies, that builds applied or practical skills. You will have the opportunity to apply what you learn to real-life contexts, such as:

- Recommending support for individuals.
- Presenting advice and guidance.
- Communicating and building relationships.

The qualification will also help you develop independence and confidence in using skills that are relevant to the sector and that prepare you for progressing to university courses where independent study skills are needed. You will develop the following transferable skills that can be used in both higher education and other life and work situations:

- Communicating and collaborating effectively with individuals
- Creating and presenting/delivering information to an individual.
- Independent learning, spending time outside of lessons completing research solve problems.
- Researching topic areas and recording research sources, then using them to interpret findings and present evidence.
- Recommending care and support for individuals.
- Presentation skills by presenting recommendations to others.
- Problem solving health and social care problems for others.

This qualification will complement other learning that you're completing at Key Stage 5. If you are a full-time student, it will be part of your studies along with your A Levels.

#### What you will study when you take this qualification

Through a combination of theoretical study and hands-on experience, you will develop the necessary knowledge and skills that can support progression to higher education health and/or social care study.

In the examined unit, you will study key knowledge and understanding relevant to health and social care. In the non examined assessment (NEA) units, you will demonstrate knowledge and skills you learn by completing applied or practical assignments. More information about the knowledge and skills you will develop is below.

All units in the qualification are mandatory. You must take **all** of these units:

• F090: Principles of health and social care

This unit is assessed by an exam.

In this unit you will learn about the key topics that are important to develop underpinning knowledge and understanding relevant to health and social care. Topics include:

- Topic Area 1 Equality, diversity, and rights in health and social care settings
- Topic Area 2 Managing hazards, health and safety in health and social care settings
- Topic Area 3 Legislation in health and social care settings
- Topic Area 4 Best practice in health and social care settings
- F092: Person-centred approach to care

This unit is assessed by an assignment.

In this unit you will learn the principles and values that underpin a person-centred approach to care and the practical tools that can be used to develop care plans for individuals. You will explore how to communicate in health and social care, how to build relationships and the barriers that need to be overcome to achieve person-centred care. You will learn to write outline care plans to suit individuals, using person-centred approaches and develop your reflective practice skills.

#### Topics include:

- Topic Area 1 Taking a person-centred approach
- o Topic Area 2 Meeting needs and providing support in a person-centred way
- Topic Area 3 Communication skills needed to offer person-centred care
- F093: Supporting people with mental health conditions

This unit is assessed by an assignment.

In this unit you will learn about how individuals with mental health conditions can be cared for and supported in a way which is suitable for their needs. You will do this through exploring the meaning of mental health and mental health needs, and considering the main types of mental health conditions and how these may affect the life of individuals. You will explore the different ways that individuals may be supported to promote their mental well-being, manage their illness, and different forms of treatment that may be available.

- o Topic Area 1 Definitions and views of mental health
- Topic Area 2 Mental health conditions
- Topic Area 3 Provision of mental health services
- Topic Area 4 Treatment and support for mental health conditions

#### The subjects that complement this course

These subjects might complement this qualification:

- A Level Biology
- A Level Psychology
- A Level Sociology
- A Level Law

#### The types of courses you may progress to

Both the subject-specific knowledge, understanding and skills, and broader transferable skills developed in this qualification will help you progress to further study in related areas such as:

- BSc Nursing (Adult/Child/Learning disabilities/Mental health)
- BSc Midwifery
- BSc Health and social care
- BSc Healthcare and Health Science
- BSc Health Sciences
- BSc Paramedic Science
- BSc Public Health and Wellbeing
- BA Social Work

## Why you should take the OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate)

There are two qualifications available in health and social care. These are:

OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate) – this is 180 GLH in size

OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate) – this is 360 GLH in size

You should take this Certificate qualification if you want a small Level 3 qualification that builds some applied knowledge and skills in health and social care. This qualification is an Alternative Academic Qualification that is the same size as an AS Level qualification. It is half the size of an A Level. It could be taken alongside A Levels to help enhance your learning as it will complement A Levels, helping you to build broader knowledge and skills that are valued in undergraduate study, and relevant for progression to higher education. You would take this qualification alongside A Levels as part of your programme of study at Key Stage 5.

#### More information

More information about the OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate) is in these documents:

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- Specification: <<insert link>>
- Sample Assessment Material (SAM) Question Papers:
  - O Unit F090: <<insert link>>
- Guides to our SAM Question Papers:
  - Unit F090: <<insert link>>
- SAM Set assignment(s):
  - Unit F092: <<insert link>>
  - O Unit F093: <<insert link>>
- Student Guide to NEA Assignments: <<insert link>>

### 2.5 Purpose statement – Extended Certificate



OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate)

Qualification number: 610/3986/X

#### Overview

#### Who this qualification is for

The OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate) is for students aged 16-19 years old. It will develop knowledge, understanding and skills that will help prepare you for progression to undergraduate study and are relevant to the health and social sector.

You might be interested in this qualification if you want to apply what you learn to practical, real-life contexts, such as:

- Using a person-centred approach to recommend care and support.
- Recommending support for individuals.
- Creating and presenting advice and guidance.
- Creating and presenting an outline proposal to address a public health challenge.
- Creating diet and activity plans to support individuals with meal planning.

The qualification will also help you develop independence and confidence in using skills that are relevant to the sector and that prepare you for progressing to university courses where independent study skills are needed. You will develop the following transferable skills that can be used in both higher education and other life and work situations:

- Communicating and collaborating effectively with individuals.
- Creating and presenting/delivering information to an individual.
- Independent learning and self-directed study, spending time outside of lessons completing research solve problems.
- Researching topic areas and recording research sources, then using them to interpret findings and present evidence.
- Recommending care and support for individuals.
- Presentation skills by presenting recommendations to others.
- Problem solving health and social care problems for others.
- Evaluating own work, using self-reflection and feedback.
- Time management.
- Critical thinking.
- Referencing.

This qualification will complement other learning that you're completing at Key Stage 5. If you are a full-time student, it will be part of your studies along with A Levels.

#### What you will study when you take this qualification

Through a combination of theoretical study and hands-on experience, you will develop the necessary knowledge and skills that can support progression to higher education health or social care study.

In the examined units, you will study key knowledge and understanding relevant to health and social care. In the non examined assessment (NEA) units, you will demonstrate knowledge and skills you learn by completing applied or practical assignments. More information about the knowledge and skills you will develop is below.

The qualification has four mandatory units and two optional units.

These are the **mandatory** units – you must take **all** these units:

F090: Principles of health and social care

This unit is assessed by an exam.

In this unit you will learn about the key topics that are important to develop underpinning knowledge and understanding relevant to health and social care. Topics include:

- Topic Area 1 Equality, diversity, and rights in health and social care settings
- Topic Area 2 Managing hazards, health and safety in health and social care settings
- Topic Area 3 Legislation in health and social care settings
- Topic Area 4 Best practice in health and social care settings
- F091: Anatomy and physiology for health and social care

This unit is assessed by an exam.

In this unit you will learn about the arrangement of body systems and the structure and function of the component parts. You will learn about key processes within each body system, that enable them to function properly. You will then explore conditions affecting these systems, specifically learning about the biological basis, monitoring, treatment and impact on lifestyle and independence.

- Topic Area 1 Cardiovascular system
- Topic Area 2 Respiratory system
- o Topic Area 3 Digestive system
- Topic Area 4 Musculoskeletal system
- Topic Area 5 Control and regulatory systems
- Topic Area 6 Reproductive system

• F092: Person-centred approach to care

This unit is assessed by an assignment.

In this unit you will learn the principles and values that underpin a person-centred approach to care and the practical tools that can be used to develop care plans for individuals. You will explore how to communicate in health and social care, how to build relationships and the barriers that need to be overcome to achieve person-centred care. You will learn to write outline care plans to suit individuals, using person-centred approaches and develop your reflective practice skills.

#### Topics include:

- Topic Area 1 Taking a person-centred approach
- o Topic Area 2 Meeting needs and providing support in a person-centred way
- Topic Area 3 Communication skills needed to offer person-centred care
- F093: Supporting people with mental health conditions

This unit is assessed by an assignment.

In this unit you will learn about how individuals with mental health conditions can be cared for and supported in a way which is suitable for their needs. You will do this through exploring the meaning of mental health and mental health needs, and considering the main types of mental health conditions and how these may affect the life of individuals. You will explore the different ways that individuals may be supported to promote their mental wellbeing, manage their condition, and different forms of treatment and support that may be available.

#### Topics include:

- Topic Area 1 Definitions and views of mental health
- Topic Area 2 Mental health conditions
- Topic Area 3 Provision of mental health services
- o Topic Area 4 Treatment and support for mental health conditions

These are **optional** units – you must take **two** of these units:

• F094: Supporting people with long term physiological conditions

This unit is assessed by an assignment.

In this unit you will learn about the different types of long term physiological conditions, how these are caused and the daily and long term effects on individuals. In addition, you will develop an understanding of the different methods of monitoring these conditions as well as treatments. You will have the opportunity to conduct your own research and gather data on services in your local area; this data will be used to present your ideas on the effectiveness of the local services. The skills you develop conducting and interpreting your research will be independent learning, referencing, time management and critical thinking.

- Topic Area 1 Long term physiological conditions
- Topic Area 2 Monitoring and treatment

- Topic Area 3 Impact of long term conditions
- o Topic Area 4 Support individuals to plan their care and support
- F095: Investigating public health

This unit is assessed by an assignment.

In this unit you will learn about current public health challenges and reasons why a healthy society is vital. You will then research a public health challenge and propose an approach to improve health and protect the public. You will consider your approach, how it will be resourced, implemented and monitored to improve the targeted area of public health.

#### Topics include:

- Topic Area 1 Understanding public health
- Topic Area 2 Responding to public health challenges
- Topic Area 3 Proposing how to address a public health challenge
- F096: Supporting people in relation to sexual health, pregnancy and postnatal health This unit is assessed by an assignment.

In this unit you will learn about and research the most important aspects of sexual health including relationships, the law, consent, sexual health, sexually transmitted infections, contraception, pre-conceptual care, birth, and the immediate care of the baby, and how to obtain support for these. You will also learn to produce advice and guidance that is personalised for specific individuals with issues related to sexual health and pregnancy, birth and postnatal health. You will develop skills needed to deliver advice and guidance in a sensitive and professional way and review the process of doing this.

#### Topics include:

- Topic Area 1 Advice and guidance on sexual health issues
- Topic Area 2 Advice and guidance on pregnancy, birth and post-natal issues
- Topic Area 3 Plan, deliver and review an advice and guidance session
- F097: Supporting healthy nutrition and lifestyles

This unit is assessed by an assignment.

In this unit you will learn about the healthy eating guidelines, physical activity guidelines, nutritional labelling and the sources of nutrients. You will learn how to use this information to plan healthy and balanced meals for service users with different nutritional needs. You will investigate some of the barriers facing service users to eat healthy meals and the support that individuals may require to eat healthy meals.

- Topic Area 1 Dietary and activity needs of individuals
- Topic Area 2 Factors that influence dietary choices and physical activity levels
- Topic Area 3 Supporting individuals to plan meals that meet their needs

#### The subjects that complement this course

These subjects might complement this qualification:

- A Level Biology
- A Level Psychology
- A Level Sociology
- A Level Law

#### The types of courses you may progress to

Both the subject-specific knowledge, understanding and skills, and broader transferable skills developed through these units, will help you progress to further study in related areas such as:

- BSc Nursing (Adult/Child/Learning disabilities/Mental health)
- BSc Midwifery
- BSc Health and social care
- BSc Healthcare and Health Science
- BSc Health Sciences
- BSc Paramedic Science
- BSc Public Health and Wellbeing
- BA Social Work

## Why you should take the OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate)

There are two qualifications available in health and social care. These are:

OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate) – this is 180 GLH in size

OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate) – this is 360 GLH in size

You should take this Extended Certificate qualification if you want a Level 3 qualification that builds applied knowledge and skills in health and social care. This qualification is an Alternative Academic Qualification that is the same size as an A Level. When it is taken alongside A Levels it will complement them, helping you to build broader knowledge and skills that are valued in undergraduate study, and relevant for progression to higher education. You would take this qualification alongside A Levels as part of your programme of study at Key Stage 5.

#### More information

More information about the OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate) is in these documents:

- Specification: <<insert link>>
- Sample Assessment Material (SAM) Question Papers:
  - O Unit F090: <<insert link>>
  - Unit F091: <<insert link>>
- Guides to our SAM Question Papers:
  - Unit F090: <<insert link>>
  - O Unit F091: <<insert link>>
- SAM Set assignment(s):
  - O Unit F092: <<insert link>>

OCR Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Health and Social Care

- O Unit F093: <<insert link>>
- Unit F094: <<insert link>>
- O Unit F095: <<insert link>>
- O Unit F096: <<insert link>>
- Unit F097: <<insert link>>
- Student Guide to NEA Assignments: <<insert link>>

## 3 About these qualifications

#### 3.1 Qualification size

The size of each qualification is described in terms of Guided Learning Hours (GLH) and Total Qualification Time (TQT).

GLH indicates the approximate time (in hours) you will spend supervising or directing study and assessment activities. We have worked with people who are experienced in delivering related qualifications to determine the content that needs to be taught and how long it will take to deliver.

TQT includes two parts:

- GLH
- an estimate of the number of hours a student will spend on unsupervised learning or assessment activities (including homework) to successfully complete their qualification.

The OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate) is 180 GLH and 223 TQT.

The OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate) is 360 GLH and 493 TQT.

## 3.2 Availability and language

The Level 3 Cambridge Advanced Nationals are available in England only. They are **not** available in Wales or Northern Ireland.

The qualifications and their assessment materials are available in English only. We will only assess answers written in English.

## 3.3 Prior knowledge and experience

Recognition of prior learning (RPL) is the process for recognising learning that never received formal recognition through a qualification or certification. It includes knowledge and skills gained in school, college or outside of formal learning situations. These may include:

- domestic/family life
- education
- training
- work activities
- voluntary activities.

In most cases RPL will not be appropriate for directly evidencing the requirements of the NEA assignments for the Cambridge Advanced National qualifications. However, if you feel that your student could use RPL to support their evidence, you must follow the guidance provided in our **RPL Policy**.

#### 4 Units

#### 4.1 Guidance on unit content

This section describes what must be taught so that students can access all available marks and meet assessment criteria.

Content warning: The health and social care sector requires a definite set of knowledge, understanding and skills that students must develop to successfully equip them for progression. Therefore, please make your students aware that some of the content in this specification and related set assignments contains themes and topics related to health and social care that students may find upsetting. Where possible, we have provided choices in the set assignments to protect students.

#### 4.1.1 Externally assessed units (F090 and F091)

The externally assessed units contain a number of topic areas.

For each topic area, we list the **teaching content** that must be taught and give information on the **breadth and depth** of teaching needed.

#### **Teaching content**

Questions can be asked about anything in the teaching content or breadth and depth columns.

#### Breadth and depth

The breadth and depth column:

- clarifies the breadth and depth of teaching needed
- indicates the range of knowledge and understanding that can be assessed in the exam
- confirms any aspects that you do not need to teach as 'does not include' statements.

Teaching must cover both the teaching content and breadth and depth columns.

#### Knowledge and understanding

This is what we mean by knowledge and understanding:

Knowledge	<ul> <li>Be able to identify or recognise an item, for example on a diagram.</li> <li>Use direct recall to answer a question, for example the definition of a term.</li> </ul>
Understanding	<ul> <li>To assess and evidence the perceived meaning of something in greater depth than straight identification or recall.</li> <li>Understanding will be expressed and presented using terms such as: how; why; when; reasons for; advantages and disadvantages of; benefits and limitations of; purpose of; suitability of; recommendations for improvement; appropriateness of something to/in different contexts.</li> </ul>

Students will need to **understand** the content, unless the breadth and depth column identifies it as knowledge only.

Any item(s) that should be taught as **knowledge** only will start with the word 'know' in the breadth and depth column.

All other content must be taught as understanding.

#### 4.1.2 NEA units (F092-F097)

The NEA units contain a number of topic areas.

For each topic area, we list **teaching content** that must be taught and give **exemplification**. The exemplification shows the teaching expected to equip students to successfully complete their assignments.

#### 4.1.3 Command words

**Appendix B** gives information about the command words that will be used in the external assessments and the NEA assessment criteria.

#### 4.1.4 Performance objectives (POs):

Each Cambridge Advanced National qualification has four Performance Objectives.

PO1	Show knowledge and understanding		
PO2	pply knowledge and understanding		
PO3	Analyse and evaluate knowledge, understanding and performance		
PO4	Demonstrate and apply skills and processes relevant to the subject		

PO1 is assessed in the externally assessed unit only.

PO4 is assessed in the NEA units only.

The weightings of the Performance Objectives across the units in the **Certificate** qualification are:

Performance Objective	Externally Assessed unit (range)	NEA units	Overall weighting
PO1	13.3-20%	N/A	13.3-20%
PO2	13.3-20%	17.5%	30.8-37.5%
PO3	5.3-10%	25%	30.3-35%
PO4	N/A	17.5%	17.5%
Overall weighting of assessments	40%	60%	100%

The weightings of the Performance Objectives across the units in the **Extended Certificate** qualification are:

Performance Objective	Externally Assessed unit (range)	NEA units	Overall weighting
PO1	13.3-20%	N/A	13.3-20%
PO2	11.7-18.3%	17.5-20%	29.2-38.3%
PO3	5.3-10%	23.1-26.3%	28.4-36.3%
PO4	N/A	15.6-17.5%	15.6-17.5%
Overall weighting of assessments	40%	60%	100%

## 4.2 Externally assessed units

#### 4.2.1 Unit F090: Principles of health and social care

#### Unit aim

Everyone is different and everyone has rights. Promoting equality and respecting diversity and rights in health and social care environments is essential in today's very diverse society. An effective health or social care professional must be able to provide safe and person-centred care that meets the needs of individuals. Health and social care professionals' attitudes, values and prejudices can significantly affect the quality of care that individuals experience. All individuals have the right to work in, or receive care in, a safe and secure environment. It is the duty of every health or social care professional and their employer to play their part in ensuring a safe care environment.

In this unit you will learn about how you can support equality, diversity and rights in health and social care settings. You will learn about types of discriminatory practice and potential hazards, along with legislation that helps to keep individuals safe by identifying and supporting rights, duties, and responsibilities in care settings. You will learn about the meaning of best practice, the importance of providing person-centred care and how to choose the appropriate action or response as a health or social care professional. You will learn how legislation, policies and procedures work to reduce risks and protect individuals in health and social care environments.

#### **Health care settings:**

#### Social care settings:

Dental practice Community centre GP surgery/health centre Day centre

Hospital Day centre
Food bank
Homeless shelter

Mobile health screening unit
Nursing home
Residential care home
Retirement home

Opticians Social services department

Pharmacy Support group

Walk-in centre

Unit F090: Principles of health and social care				
Topic Area 1: Equality, diversity, and rights in health and social care settings				
Teaching content	Breadth and Depth			
1.1 Diversity				
□ Diversity:	To include:			
<ul> <li>Age</li> <li>Cultural differences</li> <li>Disability</li> <li>Dress</li> <li>Ethnicity</li> <li>Education</li> <li>Family structure</li> <li>Food or special dietary requirements</li> <li>Gender/gender reassignment</li> <li>Language</li> <li>Music</li> <li>Race</li> <li>Religion or belief</li> <li>Sexuality and sexual orientation</li> <li>Socioeconomic background</li> </ul>	<ul> <li>Examples of each aspect of diversity and how each one could be supported in health and social care settings</li> </ul>			

#### 1.2 Equality To include: Equality means that individuals must all □ Why equality is important be: □ The positive impact of applying it and • Given the same opportunities regardless of differences recognising its importance □ The negative impact of not applying it Treated fairly and with respect • Treated according to their needs and not recognising its importance □ The link between equality and diversity □ Application to different health and social care scenarios and settings, including responding to and providing examples 1.3 Rights To include: □ Each individual's right to: Choice □ That individuals are entitled to have their rights met in health and social care Confidentiality settinas Consultation How practitioners provide care that • Equal and fair treatment supports individuals' rights Protection from abuse and harm □ Application to different health and social care scenarios and settings, including responding to and providing examples Does not include: □ Knowledge of the Human Rights Act 1.4 Discrimination in health and social care environments To include: Prejudice can lead to discrimination on the basis of: □ Know the definition of prejudice □ Recognising the basis of discrimination Race □ Examples of the different types of Age discrimination that might occur in health Culture and social care settings Disability ☐ How types of discrimination can be direct Religion and indirect or intentional and Gender unintentional Socio-economic background Application to different health and social Sexual orientation care scenarios and settings, including responding to and providing examples Discriminatory behaviour: Abuse: o Verbal Physical Mental/psychological Neglect Financial Being patronising • Breach of health and safety

Bullying

Inadequate care Labelling/stereotyping

#### 1.5 Potential impacts on individuals of discrimination To include: □ Impact of discrimination: • Disempowerment □ Whether impacts on individuals are physical, intellectual, emotional, social Fear and/or financial (PIESF) Illness □ Application to different health and social Iniurv care scenarios and settings, including • Low self-confidence responding to and providing examples Low self-esteem Physical harm Poor physical health Poor mental health Unfair treatment Topic Area 2: Managing hazards, health and safety in health and social care settings **Breadth and Depth** Teaching content 2.1 Potential hazards in health and social care settings To include: Types of hazards: Biological □ Examples of hazards found in health and o Bodily fluids social care settings □ Examples of who may be affected by the Disease/infection Chemical hazards □ Application to different health and social Medicines Cleaning materials care scenarios and settings, including Environmental responding to and providing examples Temperature Noise Working conditions Moving and handling Equipment used Physical Slips and trips Radiation Poor working practices Working hours and breaks Supervision Lack of security systems Door/window locks Alarm systems 2.2 Possible impacts of hazards on individuals receiving or providing care To include: □ Impact of hazards: ☐ Examples of the impacts on individuals Illness giving and receiving care in health and Infection social care settings, such as, how these Physical harm hazards can affect staff and/or Poor physical health individuals who require care and support Poor mental health For example: Financial loss A high workload due to staff absence Poor standard of care can cause stress, which can cause high blood pressure Poor ventilation can cause respiratory illnesses Poor personal hygiene can cause the spread of MRSA □ How possible impacts apply to the

hazards in Topic Area 2.1

#### OCR Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Health and Social Care Application to different health and social care scenarios and settings, including responding to and providing examples 2.3 Health and safety management To include: □ Risk assessment Identification of risks and hazards and • Identify risks and potential hazards • Control measures to mitigate risk control measures to mitigate the risks applied to Topic Area 2.2 • The importance of risk assessments □ Application to different health and social □ Ways to minimise risk care scenarios and settings, including • Have clear health and safety policies and responding to and providing examples procedures • Keep health and safety procedures up to date Staff training and supervision Display health and safety signs/information clearly • Deal with potential hazards promptly Appropriate use of Personal Protective Equipment (PPE) • Keep areas clean and well maintained □ How the ways listed help to minimise risk 2.4 Health and safety incidents in health and social care settings To include: □ Types of incidents □ Examples of responses appropriate for Accidents different circumstances and hazards Emergencies Application to different health and social o Fire o Flood care scenarios and settings, including Chemical or gas leak responding to and providing examples · Outbreak of infectious diseases Missing person Does not include: □ Responses: □ Specific detail about, for example, police Reporting of accidents or HSE response Evacuation procedures Location of fire exits, meeting points Needs of specific individuals Allocation of staff responsibilities during incidents o Fire officers First aiders Follow-up review of critical incidents and emergencies Reporting to relevant authorities:

Health and Safety Executive (HSE)

The emergency services Local authority/social services

o CQC

Topic Area 3: Legislation in health and social care settings  Teaching content  Breadth and Depth		
Teaching content	Бгеації апи Берії	
<ul> <li>3.1 The role of legislation</li> <li>How each piece of legislation: <ul> <li>Supports an individual's rights</li> <li>Provides guidance for service providers and users</li> <li>Is a framework to deliver and maintain good practice</li> <li>Sets out standards of practice for service providers</li> </ul> </li> </ul>	To include:  How legislation impacts on individuals who use services, care practitioners and service providers	
3.2 The Equality Act (2010)		
<ul> <li>Key aspects:</li> <li>The protected characteristics</li> <li>Reasonable adjustments</li> <li>Makes direct and indirect discrimination illegal</li> <li>Makes harassment and victimisation illegal</li> </ul>	To include:  ☐ Key aspects of the Act in relation to teaching content 3.1  ☐ Examples of the impact of the legislation on care settings, practitioners, and service users  Does not include:  ☐ Aspects of the Act not identified in the	
	teaching content	
3.3 The Health and Care Act (2022)		
<ul> <li>Key aspects</li> <li>Integrated care systems (Integrated Care Boards (ICBs) and Integrated Care Partnerships (ICPs))</li> <li>Restrictions on advertising less healthy food and drink</li> <li>Aim of shared care records between health and social care</li> <li>Data sharing across health and social care</li> <li>Social care needs assessments are now allowed after discharge from hospital</li> <li>Creates a new criminal offence relating to virginity testing</li> <li>Requirement that all providers of health, care and support ensure all staff receive training on learning disability and autism</li> </ul>	<ul> <li>To include:</li> <li>Key aspects of the Act in relation to teaching content 3.1</li> <li>Examples of the impact of legislation on care settings, practitioners, and service users</li> <li>Does not include:</li> <li>Aspects of the Act not identified in the teaching content</li> </ul>	
3.4 The Children Act (2004)		
<ul> <li>Key aspects:</li> <li>Aims to protect children at risk of harm</li> <li>Paramountcy principle</li> <li>Right to be consulted</li> <li>Right to an advocate</li> <li>Encourages partnership working</li> <li>Created the children's commissioner</li> </ul>	To include:  □ Key aspects of the Act in relation to teaching content 3.1  □ Examples of the impact of legislation on care settings, practitioners and service users  Does not include:  □ Aspects of the Act not identified in the teaching content	

#### 3.5 Data Protection Act 2018 (GDPR) To include: □ The seven key principles: Key aspects of the Act in relation to Lawfulness, fairness and transparency teaching content 3.1 Purpose limitation Examples of the impact of legislation on Data minimisation care settings, practitioners, and service Accuracy Storage limitation Integrity and confidentiality (security) Accountability Does not include: Aspects of the Act not identified in the teaching content 3.6 Health and Safety at Work Act (1974) To include: □ Key aspects: Key aspects of the Act in relation to • The employers' responsibilities for health and safety in the workplace teaching content 3.1 □ Examples of the impact of legislation on • The employees' responsibilities for health and safety in the workplace care settings, practitioners, and service users Does not include: Aspects of the Act not identified in the teaching content 3.7 Manual Handling Operations Regulations (1992) To include: □ Key aspects: Key aspects of the Act in relation to • Avoid the need for manual handling if teaching content 3.1 possible □ Examples of the impact of legislation on • Assess the risk from any manual handling that is unavoidable care settings, service users and practitioners • Take action to reduce the risk of injury as far as possible • Employers must provide information, Does not include: training and supervision about safe Aspects of the Act not identified in the manual handling teaching content 3.8 Control of Substances Hazardous to Health (COSHH) (2002) To include: □ Key aspects: Key aspects of the Act in relation to • Employers must prevent or reduce teaching content 3.1 workers exposure to hazardous □ Examples of the impact of legislation on substances • Requirement for safe storage, labelling care settings, practitioners and service and disposal of hazardous substances users • Staff properly trained to safely use hazardous substances Does not include: Requirement for an up-to-date COSHH Aspects of the Act not identified in the file listing all hazardous substances in teaching content

the workplace

#### 3.9 Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR) (2013)To include: □ Key aspects: Key aspects of the Act in relation to Requirement for employers to keep written records and to report certain teaching content 3.1 types of incidents to the HSE □ Examples of the impact of legislation on care settings, practitioners and service • Records must be kept in an 'accident book' of any workplace accident, that users causes absence from work for more than seven davs Does not include: Reporting to UK Health Security Agency Aspects of the Act not identified in the of certain infectious diseases/illnesses teaching content Topic area 4: Best practice in health and social care settings **Breadth and Depth** Teaching content 4.1 Person-centred values To include: □ Individuality □ Choice Know the meaning of person-centred □ Riahts values Independence ☐ The importance of applying personcentred values □ Privacy Dignity Consequences for the service user if □ Respect person-centred values are not applied ☐ How the person-centred values could be □ Partnership applied in different health and social care □ Encouraging service users' decision scenarios and settings, including making responding to and providing examples 4.2 The 6Cs To include: □ Care □ Compassion □ Know the meaning of the '6Cs' Competence □ The importance of the 6Cs Consequences for the service user if the Communication □ Courage 6Cs are not demonstrated ☐ How the 6Cs could apply in different Commitment health and social care scenarios and settings, including responding to and providing examples 4.3 Safeguarding in health and social care settings To include: □ Safeguarding policies in care settings: Aim of safeguarding policy □ To know that the aim of safeguarding • Legal requirement for settings to have a children and vulnerable adults is to: safeguarding policy • Stop abuse or neglect wherever possible Key features of a safeguarding policy: Prevent harm Designated safeguarding lead (DSL) • Reduce the risk of abuse or neglect to Training for all staff adults with care and support needs o DBS checks - Standard, Enhanced Safeguard adults in a way that supports and the barred list them in making choices and having □ People who may need safeguarding: control about how they want to live Vulnerable groups Policies for safeguarding and how they Children are applied People in residential care settings Examples of situations where People with physical and learning safeguarding is necessary and the disabilities impact of a lack of safeguarding on • People with mental health conditions individuals, practitioners and settings

OCR Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Health and Social Care

<ul> <li>People with sensory impairments</li> <li>People dependent on carers</li> <li>Impacts of a lack of safeguarding:</li> <li>Physical impacts</li> <li>Intellectual impacts</li> <li>Emotional impacts</li> <li>Social impacts</li> <li>Dealing with disclosures:</li> <li>Duty to report suspected abuse: <ul> <li>Physical</li> <li>Emotional</li> <li>Sexual</li> <li>Neglect</li> <li>Financial</li> </ul> </li> <li>Follow reporting procedures</li> <li>Support and comfort for the individual</li> <li>Do not judge</li> <li>Maintain confidentiality</li> <li>Protect self</li> </ul>	□ Know how to deal with disclosures		
4.4 Supporting practitioners to apply best practice in health and social care settings			
<ul> <li>Using effective communication</li> <li>Provision of training and professional development opportunities for staff</li> <li>Mentoring, monitoring and performance management of staff</li> <li>Staff meetings to discuss issues/practice</li> </ul>	<ul> <li>To include:</li> <li>Why supporting best practice is important for service users, practitioners and providers</li> <li>Application to different health and social care scenarios and settings, including responding to and providing examples</li> </ul>		

#### Assessment guidance

This unit is assessed by an exam. The exam is 1 hours and 30 minutes and has 60 marks in total. All questions in the exam are compulsory.

The exam will always have:

Questions to assess Performance Objectives 1, 2, and 3	<ul> <li>PO1: these questions will require students to recall generic knowledge and understanding.</li> <li>PO2: these questions will require students to apply knowledge and understanding.</li> <li>PO3: these questions will require students to analyse and evaluate knowledge, understanding and performance in relation to the scenario.</li> </ul>
A range of question types	<ul> <li>'Structured' questions (e.g. Q1 (a), (b), (c) (i) (ii) etc) including:</li> <li>Short answer, closed response questions (with or without diagrams) and controlled response questions including MCQs – typically 1 to 4 marks.</li> <li>Extended constructed response with points-based mark scheme – typically 1 to 4 marks, 1 mark per factor or feature to a stated maximum.</li> <li>Extended constructed responses with levels of response mark schemes.</li> <li>Some items will use scenarios/contexts.</li> </ul>
Questions relating to each Topic Area	• Content will be sampled from all topic areas, with at least one question or part question relating to each topic area.

This will be conducted under examination conditions. For more details refer to the **Administration** area.

A range of question types will be used in the exam.

The Health and Social Care **Guide to our Sample Assessment Material** gives more information about the layout and expectations of the exam.

The exam for this unit assesses the following Performance Objectives:

- PO1 Show knowledge and understanding
- PO2 Apply knowledge and understanding
- PO3 Analyse and evaluate knowledge, understanding and performance.

#### Synoptic assessment

This unit allows students to gain underpinning knowledge and understanding relevant to the qualification and sector. The NEA units draw on and strengthen this learning with students applying their learning in an applied or practical way.

The following NEA units have synoptic links with this unit. The synoptic grids at the end of these NEA units show these synoptic links.

- F092: Person-centred approach to care
- F093: Supporting people with mental health conditions
- F094: Supporting people with long term physiological conditions
- F095: Investigating public health
- F096: Supporting people in relation to sexual health, pregnancy and postnatal health

More information about synoptic assessment in these qualifications can be found in **Section 5.2 Synoptic Assessment**.

#### 4.2.2 Unit F091: Anatomy and physiology for health and social care

#### Unit aim

The human body is a complex system made of many organs working together to sustain life. If you work in the health and social care sector, it is vitally important to understand how the body functions. For example:

- paramedics need to understand signs and symptoms of certain conditions
- radiographers need to understand the structure of bones and joints
- dieticians need to know how to adapt diets to help people with certain conditions
- occupational therapists need to understand how certain conditions will affect daily life and the support people may need to live independently.

This unit will be a journey of discovery where you will explore how your body works from the cellular to the multicellular level.

In this unit you will learn about the arrangement of body systems and the structure and function of the component parts. You will learn about key processes within each body system, that enable them to function properly. You will then explore conditions affecting these systems, specifically learning about the biological basis, monitoring, treatment and impact on lifestyle and independence.

Unit F091: Anatomy and physiology for health and social care		
Topic Area 1: Cardiovascular system		
Teaching content	Breadth and depth	
1.1 Composition and functions of blood		
<ul> <li>1.1.1 White blood cells</li> <li>Percentage of white blood cells in blood</li> <li>Functions</li> <li>Fight infections</li> <li>Destroy cancer cells</li> </ul>	To include:  □ Know the percentage of white blood cells in blood  □ How white blood cells fight infection using antibodies and the process of phagocytosis  □ Know that white blood cells destroy cancer cells  Does not include:  □ Specific types of white blood cells and their roles  □ How white blood cells destroy cancer cells	
<ul> <li>1.1.2 Red blood cells</li> <li>□ Percentage of red blood cells in blood</li> <li>□ Function <ul> <li>• Oxygen transportation</li> <li>□ Structural adaptations</li> <li>• Bio concave disks</li> <li>• No nucleus</li> <li>□ How red blood cells transport oxygen</li> </ul> </li> </ul>	<ul> <li>To include:</li> <li>Know the percentage of red blood cells in blood</li> <li>How structural adaptations of red blood cells aid their function</li> <li>Red blood cells contain haemoglobin which binds to oxygen to form oxyhaemoglobin</li> </ul>	

1.1.3 Plasma	To include:
□ Percentage of plasma in blood	□ Know the percentage of plasma in blood
□ Function	□ How plasma transports substances around
	the body
Transporting substances	l ·
<ul> <li>How plasma affects blood viscosity</li> </ul>	□ That elevations in plasma proteins increase
	blood viscosity and impair blood flow
	Does not include:
	□ The impact on blood pressure or
	thermoregulation
1.1.4 Platelets	To include:
	□ Know the percentage of platelets in blood
□ Percentage of platelets in blood	
<ul> <li>The blood clotting process</li> </ul>	□ The function of platelets, blood clotting
<ul> <li>Platelets</li> </ul>	factors and fibrin in the blood clotting
<ul> <li>Blood clotting factors</li> </ul>	process
Fibrin	
• I IDIIII	Does not include:
	□ Different types of blood clotting factors
1.2 The heart	Birroronic types or blood distaining radiore
1.2.1 Structure of the heart	To include:
□ Blood vessels	□ Know the location and function of the
<ul> <li>Inferior Vena Cava</li> </ul>	structures
<ul> <li>Superior Vena Cava</li> </ul>	<ul><li>The flow of blood through the structures of</li></ul>
Pulmonary Artery	the heart, including where blood is travelling
Pulmonary Vein	to and from
•	□ Students may be asked to label and/or use
Aorta	diagrams of structure and functions
□ Chambers	diagrams of structure and functions
Right Atrium	
<ul> <li>Left Atrium</li> </ul>	
Right Ventricle	
Left Ventricle	
N/ 1	
<ul> <li>Tricuspid</li> </ul>	
<ul> <li>Semi-lunar Pulmonary</li> </ul>	
<ul> <li>Bicuspid</li> </ul>	
Semi-lunar Aortic	
□ Other structures	
Septum	
•	
Cardiac tissue	
Coronary arteries	
1.2.2 Blood pressure	To include:
□ What blood pressure is	<ul> <li>What is happening within the heart during</li> </ul>
□ Systolic and diastolic phases	each phase
□ Systolic and diastolic pressure	□ Interpret diagrams of blood pressure
□ Blood pressure values	readings/charts
Ideal range	. Saamigo, on an to
•	
Low range     High range	

1.2.3 Electrical activity of the heart	To include:
<ul> <li>Location and function of</li> </ul>	□ Use of Electrocardiogram (ECG) traces and
<ul> <li>SA node</li> </ul>	interpretation
<ul> <li>AV node</li> </ul>	□ Know what is happening in the heart at the
<ul> <li>Bundle of His</li> </ul>	P, Q, R, S and T points on an ECG
<ul> <li>Purkyne/Purkinje Fibres</li> </ul>	□ Recognise when P, Q, R, S and T wave
□ Electrocardiogram (ECG) trace	forms are normal and abnormal
g(,,,	□ Students may be asked to label and/or use
	diagrams
	Does not include:
	□ Details of hormonal or nervous
	coordination
1.3 Blood vessels	
1.3.1 Arteries	To include:
□ Function	□ How the structural adaptations of arteries
<ul> <li>Take blood away from the heart</li> </ul>	aid their function
□ Structural adaptations	
<ul> <li>Thick muscular walls</li> </ul>	
<ul> <li>Elastic walls</li> </ul>	
Narrow lumen	
1.3.2 Capillaries	To include:
□ Function	□ How the structural adaptations of capillaries
<ul> <li>Exchange of substances</li> </ul>	aid their function
□ Structural adaptations	
<ul> <li>Wall one cell thick</li> </ul>	
<ul> <li>Porous wall</li> </ul>	
<ul> <li>Narrow lumen</li> </ul>	
<ul> <li>Slow blood flow</li> </ul>	
1.3.3 Veins	To include:
□ Function	□ How the structural adaptations of veins aid
<ul> <li>Return blood to the heart</li> </ul>	their function
□ Structural adaptations	
<ul> <li>Wide lumen</li> </ul>	
<ul><li>Valves</li></ul>	
1.4 Conditions of the cardiovascular system	n
1.4.1 Angina	To include:
□ Overview and causes	<ul><li>Overview and causes</li></ul>
<ul> <li>Reduced blood flow to the heart muscles</li> </ul>	<ul> <li>How the causes of angina link to the</li> </ul>
<ul> <li>Causes include:</li> </ul>	structure and functions of the
<ul><li>Atheroma</li></ul>	cardiovascular system
<ul> <li>Narrowing of coronary arteries</li> </ul>	For example:
	<ul> <li>How an atheroma reduces blood flow</li> </ul>
	through the arteries and decreases
	delivery of oxygen to the heart
	muscles
□ Main signs and symptoms	□ Main signs and symptoms
Tight chest	<ul> <li>Know the main signs and symptoms of</li> </ul>
<ul> <li>Chest pains (radiating to arm, neck and</li> </ul>	angina
jaw)	
Breathlessness	
□ Diagnosis and monitoring	□ Diagnosis and monitoring
• ECG	What the methods are
<ul> <li>Angiogram</li> </ul>	How and when the methods are used to
<ul> <li>Blood tests</li> </ul>	diagnose and monitor angina

	Students may be asked to interpret
	angiograms of the condition
<ul> <li>Treatments</li> <li>Surgical treatments         <ul> <li>Angioplasty</li> <li>Coronary bypass</li> </ul> </li> <li>Non-surgical treatments         <ul> <li>Nitrolingual pump (Angina pump)</li> <li>Anticoagulants</li> </ul> </li> </ul>	<ul> <li>Treatments</li> <li>What the treatments are</li> <li>How the treatments work</li> <li>The benefits and limitations of the treatments</li> </ul>
<ul> <li>Factors that make the development of the condition more likely</li> <li>Obesity</li> <li>High fat and/or salt diet</li> <li>Smoking</li> <li>Diabetes</li> </ul>	<ul> <li>Factors that make the development of the condition more likely</li> <li>How the factors link to the cardiovascular system</li> </ul>
<ul> <li>Stress</li> <li>Control and prevention</li> <li>Lifestyle changes <ul> <li>Reduce fat and/or salt in diet</li> <li>Stop smoking</li> <li>Reduce stress</li> <li>Exercise regularly</li> <li>Lose weight</li> </ul> </li> </ul>	<ul> <li>Control and prevention</li> <li>How the methods listed help to control and prevent the condition and how they link to the cardiovascular system</li> </ul>
<ul> <li>Impact of the condition on the individual:</li> <li>Physical</li> <li>Intellectual</li> <li>Emotional</li> <li>Social</li> </ul>	<ul> <li>Impact of the condition on the individual should consider all aspects of Topic Area 1.4.1</li> <li>Application of all of Topic Area 1.4.1 to</li> </ul>
	different scenarios, including responding to and providing examples
1.4.2 Deep vein thrombosis (DVT)	To include:
<ul> <li>Overview and causes</li> <li>Blood clot within a deep vein</li> <li>Restrictive blood flow</li> <li>Commonly affects the legs or pelvis</li> <li>Can be very serious if blood clots break loose and travel to lungs causing a pulmonary embolism</li> </ul>	<ul> <li>Overview and causes</li> <li>How DVT and pulmonary embolisms link to the structure and functions of the cardiovascular system         For example:</li></ul>
<ul> <li>Main signs and symptoms</li> <li>Pain (at the site of the DVT)</li> <li>Swelling (at the site of the DVT)</li> <li>Redness (at the site of the DVT)</li> </ul>	<ul> <li>Main signs and symptoms</li> <li>Know the main signs and symptoms of DVT</li> </ul>
<ul> <li>Diagnosis and monitoring</li> <li>Ultrasound</li> <li>Venography</li> </ul>	<ul> <li>Diagnosis and monitoring</li> <li>What the methods are</li> <li>How and when the methods are used to diagnose and monitor DVT</li> </ul>
<ul> <li>Treatments</li> <li>Anticoagulant medicine</li> <li>Thrombolytics</li> <li>Thrombectomy</li> <li>Filters</li> </ul>	<ul> <li>Treatments</li> <li>What the treatments are</li> <li>How the treatments work</li> <li>The benefits and limitations of the treatments</li> </ul>

		Factors that make the development of
	Factors that make the development of the	□ Factors that make the development of
	condition more likely	the condition more likely
	• Age (60+)	<ul> <li>How the factors listed link to the</li> </ul>
	<ul> <li>Overweight</li> </ul>	cardiovascular system
	<ul> <li>Smoking</li> </ul>	
	<ul> <li>Contraceptive medication</li> </ul>	
	<ul> <li>Hormone replacement therapy</li> </ul>	
	Previous DVT	
	<ul> <li>Flying/restricted movement</li> </ul>	
	Control and prevention	<ul> <li>Control and prevention</li> </ul>
	Compression stockings	<ul> <li>How the methods listed help to control</li> </ul>
	Regular movement	and prevent the condition and how they
	Hydration	link to the cardiovascular system
	Lifestyle changes	•
	<ul><li>Stop smoking</li></ul>	
	<ul> <li>Exercise regularly</li> </ul>	
	<ul><li>Lose weight</li></ul>	
	Impact of the condition on the individual:	□ Impact of the condition on the individual
	Physical	should consider all aspects of Topic Area
	Intellectual	1.4.2
	Emotional	
	Social	□ Application of all of Topic Area 1.4.2 to
	0 0 0	different scenarios, including responding to
		and providing examples
T	opic Area 2: Respiratory system	
Te	eaching content	Breadth and depth
2.	1 Structure and function of the respirator	v system
	Epiglottis	To include:
	Larynx	
	Larynx Trachea	To include:   Know the location and function of each of the structures
	Larynx Trachea Bronchi	To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
	Larynx Trachea Bronchi Bronchioles	To include:   Know the location and function of each of the structures
	Larynx Trachea Bronchi Bronchioles Alveoli	To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm	To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs	To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles	To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles	To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane	To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid	To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing	To include:  Know the location and function of each of the structures  Students may be asked to label and/or use diagrams of structure and functions
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid  2 Mechanics of breathing Inspiration	To include:  Know the location and function of each of the structures Students may be asked to label and/or use diagrams of structure and functions  To include:
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration	To include:  Know the location and function of each of the structures Students may be asked to label and/or use diagrams of structure and functions  To include:  The mechanics of inspiration and expiration,
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure	To include:  Know the location and function of each of the structures  Students may be asked to label and/or use diagrams of structure and functions  To include:  The mechanics of inspiration and expiration, including:
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume	To include:  Know the location and function of each of the structures Students may be asked to label and/or use diagrams of structure and functions  To include: The mechanics of inspiration and expiration, including: How changes in volume and pressure
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions  To include:   The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions  To include:   The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration   Students may be asked to label and/or use
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm • Internal intercostal muscles	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions  To include:   The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration
	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm • Internal intercostal muscles • External intercostal muscles	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions  To include:   The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration   Students may be asked to label and/or use
2. 2.	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm • Internal intercostal muscles • External intercostal muscles 3 Gaseous exchange	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions  To include:   The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration   Students may be asked to label and/or use diagrams of the mechanics of breathing
2. 2.	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm • Internal intercostal muscles • External intercostal muscles 3 Gaseous exchange The exchange of oxygen and carbon	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions    To include:   The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration   Students may be asked to label and/or use diagrams of the mechanics of breathing    To include:
2. 2.	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid  2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm • Internal intercostal muscles • External intercostal muscles 3 Gaseous exchange The exchange of oxygen and carbon dioxide	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions    To include:   The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration   Students may be asked to label and/or use diagrams of the mechanics of breathing    To include:   The process of exchange between the
2. 2.	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm • Internal intercostal muscles • External intercostal muscles 3 Gaseous exchange The exchange of oxygen and carbon dioxide The role of haemoglobin in gaseous	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions    The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration   Students may be asked to label and/or use diagrams of the mechanics of breathing    To include:   The process of exchange between the lungs and the blood
2. 2.	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm • Internal intercostal muscles • External intercostal muscles 3 Gaseous exchange The role of haemoglobin in gaseous exchange	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions  To include:   The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration   Students may be asked to label and/or use diagrams of the mechanics of breathing  To include:   The process of exchange between the lungs and the blood   Know that oxygen binds to haemoglobin to
2. 2.	Larynx Trachea Bronchi Bronchioles Alveoli Diaphragm Ribs Internal Intercostal Muscles External Intercostal Muscles Pleural Membrane Pleural Fluid 2 Mechanics of breathing Inspiration Expiration Pressure Volume The role of • The diaphragm • Internal intercostal muscles • External intercostal muscles 3 Gaseous exchange The exchange of oxygen and carbon dioxide The role of haemoglobin in gaseous	To include:    Know the location and function of each of the structures   Students may be asked to label and/or use diagrams of structure and functions    The mechanics of inspiration and expiration, including:   How changes in volume and pressure result in inspiration and expiration   Students may be asked to label and/or use diagrams of the mechanics of breathing    To include:   The process of exchange between the lungs and the blood

- Ctrustural adoptations of alvoci	- The differences in concentrations of every
□ Structural adaptations of alveoli	☐ The differences in concentrations of oxygen
<ul><li>Thin walls</li></ul>	and carbon dioxide in the alveoli and
<ul> <li>Large surface area</li> </ul>	capillaries
<ul> <li>Fluid lined</li> </ul>	□ The effects of diffusion gradients on the
	exchange of oxygen and carbon dioxide
	□ How the structure of alveoli aids their
	function
	□ Students may be asked to label and/or use
	diagrams of alveoli and gaseous exchange
2.4 Cellular respiration	
<ul> <li>Aerobic respiration</li> </ul>	To include:
<ul> <li>Anaerobic respiration</li> </ul>	<ul> <li>Anaerobic respiration in animals only</li> </ul>
□ ATP as a form of energy	□ Know what cellular respiration is
	<ul> <li>The products required for aerobic</li> </ul>
	respiration, where in the cell it occurs, the
	substances created and the waste products
	<ul> <li>The products required for anaerobic</li> </ul>
	respiration, where in the cell it occurs, the
	substances created and the waste products
	<ul> <li>The differences between aerobic and</li> </ul>
	anaerobic respiration
	Does not include:
	<ul> <li>Knowledge of glycolysis, Krebs cycle,</li> </ul>
	electron transport chain or anaerobic
	respiration in microorganisms
2.5 Conditions of the respiratory system	
2.5.1 Asthma	To include:
	10 Include:
□ Overview and causes	□ Overview and causes
<ul><li>Overview and causes</li><li>Airways sensitive to triggers</li></ul>	
	<ul><li>Overview and causes</li><li>How the causes of asthma link to the</li></ul>
<ul><li>Airways sensitive to triggers</li><li>Smooth muscle of airways constricts</li></ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory</li> </ul>
<ul><li>Airways sensitive to triggers</li><li>Smooth muscle of airways constricts</li><li>Walls of airways become inflamed</li></ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> <li>For example:</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> <li>For example:</li> <li>How restricted airways reduces</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> <li>For example:         <ul> <li>How restricted airways reduces gaseous exchange and oxygen</li> </ul> </li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> <li>For example:         <ul> <li>How restricted airways reduces gaseous exchange and oxygen movement into the bloodstream</li> </ul> </li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> <li>For example:         <ul> <li>How restricted airways reduces gaseous exchange and oxygen movement into the bloodstream</li> </ul> </li> <li>Main signs and symptoms</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> <li>For example:         <ul> <li>How restricted airways reduces gaseous exchange and oxygen movement into the bloodstream</li> </ul> </li> <li>Main signs and symptoms</li> <li>Know the main signs and symptoms of</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> <li>For example:         <ul> <li>How restricted airways reduces gaseous exchange and oxygen movement into the bloodstream</li> </ul> </li> <li>Main signs and symptoms</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> <li>Tight Chest</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system</li> <li>For example:         <ul> <li>How restricted airways reduces gaseous exchange and oxygen movement into the bloodstream</li> </ul> </li> <li>Main signs and symptoms</li> <li>Know the main signs and symptoms of</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> <li>Tight Chest</li> <li>Breathlessness</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system         <ul> <li>For example:</li> <li>How restricted airways reduces gaseous exchange and oxygen movement into the bloodstream</li> </ul> </li> <li>Main signs and symptoms</li> <li>Know the main signs and symptoms of asthma</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> <li>Tight Chest</li> <li>Breathlessness</li> <li>Diagnosis and monitoring</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system         <ul> <li>For example:</li> <li>How restricted airways reduces gaseous exchange and oxygen movement into the bloodstream</li> </ul> </li> <li>Main signs and symptoms</li> <li>Know the main signs and symptoms of asthma</li> <li>Diagnosis and monitoring</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> <li>Tight Chest</li> <li>Breathlessness</li> <li>Diagnosis and monitoring</li> <li>Peak flow meters</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system         <ul> <li>For example:</li> <li>How restricted airways reduces gaseous exchange and oxygen movement into the bloodstream</li> </ul> </li> <li>Main signs and symptoms</li> <li>Know the main signs and symptoms of asthma</li> <li>Diagnosis and monitoring</li> <li>What the methods are</li> </ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> <li>Tight Chest</li> <li>Breathlessness</li> <li>Diagnosis and monitoring</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system         For example:</li></ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> <li>Tight Chest</li> <li>Breathlessness</li> <li>Diagnosis and monitoring</li> <li>Peak flow meters</li> <li>Spirometer</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system         For example:</li></ul>
<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> <li>Tight Chest</li> <li>Breathlessness</li> <li>Diagnosis and monitoring</li> <li>Peak flow meters</li> <li>Spirometer</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system         For example:</li></ul>
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<ul> <li>Airways sensitive to triggers</li> <li>Smooth muscle of airways constricts</li> <li>Walls of airways become inflamed</li> <li>Mucus is produced</li> <li>Airways temporarily narrowed</li> <li>Gaseous exchange is reduced</li> <li>Less oxygen enters the bloodstream</li> <li>Main signs and symptoms</li> <li>Wheezing</li> <li>Coughing</li> <li>Tight Chest</li> <li>Breathlessness</li> <li>Diagnosis and monitoring</li> <li>Peak flow meters</li> <li>Spirometer</li> </ul>	<ul> <li>Overview and causes</li> <li>How the causes of asthma link to the structure and functions of the respiratory system         For example:</li></ul>
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□ Factors that make incidence of the condition □ Factors that make incidence of the more likely condition more likely Family history How the factors listed link to respiratory • Triggers: system Chest infections Allergies Animal fur or feathers Dust Pollen Medicine Mould or damp Environmental factors - Pollution Temperature □ Control and Prevention □ Control and prevention Preventer inhaler • How the methods listed help to control Steroidal tablets and prevent the condition and how they link to the respiratory system Avoid triggers Lifestyle change Exercise regularly Stop smoking Impact of the condition on the individual □ Impact of the condition on the individual should consider all aspects of Topic Area Physical 2.5.1 Intellectual Emotional □ Application of all of Topic Area 2.5.1 to Social different scenarios, including responding to and providing examples 2.5.2 Bacterial pneumonia To include: Overview and causes Overview and causes Bacterial infection in the lungs • How the causes of bacterial pneumonia • Inflammation in the lungs link to the structure and functions of the Alveoli fills with pus and other liquids respiratory system For example: How alveoli being filled with pus reduces oxygen transfer to blood Main signs and symptoms □ Main signs and symptoms Cough Know the main signs and symptoms of Breathing difficulties bacterial pneumonia Chest pain Fever Diagnosis and monitoring Diagnosis and Monitoring Physical examination • What the methods are X-ray • How and when the methods are used to Sputum test diagnose and monitor bacterial Blood test pneumonia □ Treatments □ Treatments Antibiotics What the treatments are o Tablets How the treatments work Intravenous The benefits and limitations of the Fluids treatments Oxygen

<ul> <li>Factors that make the devel</li> </ul>	opment of the
condition more likely	the condition more likely
<ul> <li>Lifestyle choices</li> </ul>	<ul> <li>How the factors listed make the</li> </ul>
<ul><li>Smoking</li></ul>	development of the condition more likely
<ul> <li>Age (babies, elderly)</li> </ul>	and how this links to respiratory system
<ul> <li>Underlying health condition</li> </ul>	·
<ul><li>Asthma</li></ul>	
<ul> <li>Diabetes</li> </ul>	
<ul> <li>Weakened immune syste</li> </ul>	m
□ Control and prevention	□ Control and prevention
<ul> <li>Flu vaccinations</li> </ul>	How the methods listed help to control
Lifestyle changes	and prevent the condition and how they
<ul> <li>Exercise regularly</li> </ul>	link to the respiratory system
<ul><li>Hydration</li></ul>	min to the respiratory system
□ Impact of the condition on the	ne individual     Impact of the condition on the individual
Physical	should consider all aspects of Topic Area
Intellectual	2.5.2
Emotional	
Social	□ Application of all of Topic Area 2.5.2 to
	different scenarios, including responding to
	and providing examples
Topic Area 3: Digestive syst	
Teaching content	Breadth and depth
3.1 Structure and function o	
□ Buccal cavity	To include:
□ Salivary glands	□ Know the function and location of the
□ Oesophagus	structures listed
□ Stomach	□ Students may be asked to label and/or use
□ Small intestines	diagrams of the digestive system
<ul><li>Large intestines (colon/bow</li><li>Rectum</li></ul>	əi <i>)</i>
Λ	
□ Anus □ Pancreas	
□ Pancreatic duct	
□ Liver	
□ Gallbladder	
□ Bile Duct	
3.2 Mechanical and chemical	l digestion
3.2.1 Mechanical digestion	
☐ The process of mechanical	digestion
☐ The function of the mouth a	•
mechanical digestion	
3.2.2 Chemical digestion	To include:
☐ The process of chemical dig	estion
<ul><li>Protein</li></ul>	Where it happens
<ul><li>Fats</li></ul>	<ul> <li>Proteases break down protein into amino</li> </ul>
<ul> <li>Carbohydrates</li> </ul>	acids
□ The role of enzymes in che	mical digestion 🛛 The chemical digestion of fat
☐ The function of the mouth,	<u> </u>
small intestines in chemical	digestion • Lipases break down fats into fatty acids
	and glycerol
	· · · · · · · · · · · · · · · · · · ·
	and glycerol
	and glycerol  ☐ The digestion of carbohydrates

	Does not include:  □ Any other specific enzymes involved in chemical digestion
3.3 Absorption and assimilation	
<ul> <li>3.3.1 Absorption</li> <li>The function of</li> <li>Small intestines</li> <li>Capillaries</li> <li>Lacteals</li> <li>The absorption of</li> <li>Fatty acids and glycerol</li> </ul>	To include:  □ How the structure of the small intestines, capillaries and lacteals aids their function
Glucose	
Amino acids	
<ul> <li>3.3.2 Assimilation</li> <li>The function of</li> <li>Capillaries</li> <li>Plasma</li> <li>Tissue fluid</li> <li>How hydrostatic pressure aids assimilation</li> <li>Products that are assimilated</li> <li>Glucose</li> <li>Amino acids</li> <li>Fat</li> <li>Vitamins</li> <li>Minerals</li> </ul>	To include:  How nutrients move from the blood to tissue fluids  Know the products that are assimilated
3.4 Conditions of the digestive system	
<ul> <li>3.4.1 Bowel polyps</li> <li>Overview and causes</li> <li>Abnormal production of cells in the lining of the bowel</li> <li>Occur in the colon and rectum</li> <li>Most are harmless</li> <li>May develop into cancer over time</li> </ul>	To include:  □ Overview and causes  • How the causes of bowel polyps link to the structure and functions of the digestive system For example:  ○ How large bowel polyps cause abdominal pain, diarrhoea and blood in the stool  □ Main signs and symptoms
<ul> <li>Main signs and symptoms</li> <li>Blood in stool</li> <li>Diarrhoea</li> <li>Constipation</li> <li>Abdominal pain</li> </ul>	<ul> <li>Main signs and symptoms</li> <li>Know main the signs and symptoms of bowel polyps</li> </ul>
<ul><li>Diagnosis and monitoring</li><li>Screening (where appropriate)</li><li>Colonoscopy</li></ul>	<ul> <li>Diagnosis and monitoring</li> <li>What the methods are</li> <li>How and when the methods are used to diagnose and monitor bowel polyps</li> </ul>
<ul><li>Treatments</li><li>Polypectomy (wire loop)</li><li>Open surgery (large polyps)</li></ul>	<ul> <li>Treatments</li> <li>What the treatments are</li> <li>How the treatments work</li> <li>The benefits and limitations of the treatments</li> </ul>

- □ Factors that make the development of the condition more likely
  - Sex
  - Age (50+)
  - Diet (high fat and processed food)
  - Family history
  - Crohn's disease
  - Smoking
- □ Control and prevention
  - Lifestyle changes
    - High fibre diet
    - Lose weight
    - Exercise regularly
    - Stop smoking
- Impact of the condition on the individual
  - Physical
  - Intellectual
  - Emotional
  - Social

# □ Factors that make the development of the condition more likely

 How the factors listed make the development of the condition more likely and how this links to the digestive svstem

#### □ Control and prevention

- How the methods listed help to control and prevent the condition and how they link to the digestive system
- □ Impact of the condition on the individual should consider all aspects of Topic Area 3.4.1
- □ Application of all of Topic Area 3.4.1 to different scenarios, including responding to and providing examples

#### Does not include:

□ Bowel cancer

#### To include:

# Overview and causes

 How the causes of gallstones link to the structure and functions of the digestive system

#### For example:

How gallstones can affect digestion of

Know the main signs and symptoms of

#### □ Main signs and symptoms

gallstones

# Diagnosis and monitoring

- · What the methods are
- How and when the methods are used to diagnose and monitor gallstones
- Students may be asked to interpret ultrasounds of the condition

#### □ Treatments

- What the treatments are
- How the treatments work
- The benefits and limitations of the treatments

#### 3.4.2 Gallstones

- Overview and causes
  - Stones form in the gallbladder
  - · Formed from crystals of cholesterol and bilirubin
  - Gradually become larger
  - Stones can become trapped in the bile
  - Blocks secretion of bile into the small intestines
- Main signs and symptoms
  - Abdominal pain
  - Jaundice
  - Fever
  - Nausea
- Diagnosis and monitoring
  - Physical examination
  - Ultrasound
  - Blood test
- □ Treatments
  - Surgical treatments
    - Laparoscopic cholecystectomy
    - Open cholecystectomy
  - Non-surgical treatments
    - Pain relief

<ul> <li>□ Factors that make the development of the condition more likely</li> <li>• Female</li> <li>• Age (40 plus)</li> <li>• Obesity</li> <li>• Family history</li> <li>• Alcohol abuse</li> <li>□ Control and prevention</li> <li>• Lifestyle changes</li> <li>• Dietary changes</li> <li>• Lose weight</li> <li>□ Impact of the condition on the individual</li> </ul>	<ul> <li>□ Factors that make the development of the condition more likely</li> <li>• How the factors listed make the development of the condition more likely and how this links to the digestive system</li> <li>□ Control and prevention</li> <li>• How the methods listed help to control and prevent the condition and how they link to the digestive system</li> <li>□ Impact of the condition on the individual</li> </ul>
<ul> <li>Physical</li> <li>Intellectual</li> <li>Emotional</li> <li>Social</li> </ul>	should consider all aspects of Topic Area 3.4.2  Application of all of Topic Area 3.4.2 to different scenarios, including responding to and providing examples
Topic Area 4: Musculoskeletal system Teaching content	Breadth and depth
4.1 Skeletal system	Breauth and depth
4.1.1 Skeletal structure  Axial skeleton Cranium Sternum Ribs Vertebral column Appendicular skeleton Scapula Clavicle Humerus Radius Ulna Pelvis Femur Patella Tibia Fibula	To include:    Know the function of the axial and appendicular skeleton   Students may be asked to label and/or use diagrams of the skeletal structure    Does not include:   Any other bones
<ul><li>□ Growth plates</li><li>□ Compact bone</li><li>□ Bone marrow</li><li>□ Cartilage</li></ul>	<ul> <li>Know the structural components of bone</li> <li>Students may be asked to label and/or use diagrams of the structure of bone</li> <li>Does not include:         <ul> <li>Haversian canal</li> <li>Volkmann canal</li> <li>lamella</li> <li>Canaliculi</li> </ul> </li> </ul>
4.1.3 Formation of bone	To include:
<ul><li>Osteoclasts</li><li>Osteoblasts</li></ul>	<ul> <li>How bone is remodelled</li> <li>Osteoclasts dissolve old bone tissue</li> </ul>

4.1.4 Synovial joints	To include:
□ Bone	□ The structure of a synovial joint
□ Cartilage	□ The location and function of the different
□ Articular membrane	components of a synovial joint
□ Articular capsule	□ Students may be asked to label and/or use
□ Synovial fluid	diagrams of types of synovial joints (Topic
□ Tendon	Area 4.1.5)
□ Ligament	
4.1.5 Types of synovial joints	To include:
□ Pivot	□ Know the types of synovial joints
□ Hinge	□ Synovial joints from the body
□ Ball and Socket	<ul><li>Pivot (neck and forearm)</li></ul>
□ Saddle	<ul> <li>Hinge (elbow and knee)</li> </ul>
□ Gliding/sliding	Ball and Socket (hip and shoulder)
□ Condyloid	Saddle (thumb)
	<ul><li>Gliding/sliding (hand and foot)</li></ul>
	<ul> <li>Condyloid (wrist and ankle)</li> </ul>
4.2 Muscular system	- Condyloid (Whist and andie)
□ Biceps	To include:
□ Triceps	□ Know the location and function of the
□ Pectorals	muscles of the muscular system
□ Deltoid	□ Students may be asked to label and/or use
□ Hamstrings	diagrams of the muscular system
□ Quadriceps	diagramo or the massarar system
□ Gastrocnemius	
□ Abdominals	Does not include:
	□ Any other muscles
4.3 Conditions of the musculoskeletal syst	
4.3 Conditions of the musculoskeletal syst 4.3.1 Carpal tunnel syndrome	
	em
4.3.1 Carpal tunnel syndrome	em To include:
<ul><li>4.3.1 Carpal tunnel syndrome</li><li>□ Overview and causes</li></ul>	em To include:  □ Overview and causes
<ul><li>4.3.1 Carpal tunnel syndrome</li><li>□ Overview and causes</li></ul>	em To include:  Overview and causes How the causes of carpal tunnel
<ul><li>4.3.1 Carpal tunnel syndrome</li><li>□ Overview and causes</li></ul>	em To include: □ Overview and causes • How the causes of carpal tunnel syndrome link to the structure and
<ul><li>4.3.1 Carpal tunnel syndrome</li><li>□ Overview and causes</li></ul>	em  To include:  □ Overview and causes  • How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example:
<ul><li>4.3.1 Carpal tunnel syndrome</li><li>□ Overview and causes</li></ul>	em To include:  Overview and causes  How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system
<ul><li>4.3.1 Carpal tunnel syndrome</li><li>□ Overview and causes</li></ul>	em  To include:  □ Overview and causes  • How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example:  ○ Why pressure on the median nerve
<ul> <li>4.3.1 Carpal tunnel syndrome</li> <li>□ Overview and causes</li> <li>• Pressure on median nerve in the wrist</li> </ul>	To include:  Overview and causes  How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example:  Why pressure on the median nerve causes numbness in the hands
<ul> <li>4.3.1 Carpal tunnel syndrome</li> <li>□ Overview and causes</li> <li>• Pressure on median nerve in the wrist</li> <li>□ Main signs and symptoms</li> </ul>	To include:  Overview and causes  How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example:  Why pressure on the median nerve causes numbness in the hands  Main signs and symptoms
<ul> <li>4.3.1 Carpal tunnel syndrome</li> <li>□ Overview and causes</li> <li>• Pressure on median nerve in the wrist</li> <li>□ Main signs and symptoms</li> <li>• Numbness in hands</li> </ul>	To include:  Overview and causes  How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example:  Why pressure on the median nerve causes numbness in the hands  Main signs and symptoms  Know the main signs and symptoms of
<ul> <li>4.3.1 Carpal tunnel syndrome</li> <li>Overview and causes</li> <li>Pressure on median nerve in the wrist</li> </ul> <ul> <li>Main signs and symptoms</li> <li>Numbness in hands</li> <li>Tingling</li> </ul>	To include:  Overview and causes  How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example:  Why pressure on the median nerve causes numbness in the hands  Main signs and symptoms  Know the main signs and symptoms of
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<ul> <li>4.3.1 Carpal tunnel syndrome</li> <li>Overview and causes</li> <li>Pressure on median nerve in the wrist</li> </ul> <ul> <li>Main signs and symptoms</li> <li>Numbness in hands</li> <li>Tingling</li> <li>Pain in arm or hands</li> <li>Weakness in hands/wrist</li> <li>Diagnosis and monitoring</li> <li>Physical examination</li> <li>Ultrasound</li> </ul>	To include:  Overview and causes  How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example:  Why pressure on the median nerve causes numbness in the hands  Main signs and symptoms  Know the main signs and symptoms of carpal tunnel syndrome  Diagnosis and monitoring  What the methods are  How and when the methods are used to
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<ul> <li>4.3.1 Carpal tunnel syndrome</li> <li>Overview and causes</li> <li>Pressure on median nerve in the wrist</li> </ul> <ul> <li>Main signs and symptoms</li> <li>Numbness in hands</li> <li>Tingling</li> <li>Pain in arm or hands</li> <li>Weakness in hands/wrist</li> <li>Diagnosis and monitoring</li> <li>Physical examination</li> <li>Ultrasound</li> </ul>	To include:  Overview and causes How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example: Why pressure on the median nerve causes numbness in the hands Main signs and symptoms Know the main signs and symptoms of carpal tunnel syndrome  Diagnosis and monitoring What the methods are How and when the methods are used to diagnose and monitor carpal tunnel syndrome
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<ul> <li>4.3.1 Carpal tunnel syndrome</li> <li>Overview and causes</li> <li>Pressure on median nerve in the wrist</li> </ul> <ul> <li>Main signs and symptoms</li> <li>Numbness in hands</li> <li>Tingling</li> <li>Pain in arm or hands</li> <li>Weakness in hands/wrist</li> <li>Diagnosis and monitoring</li> <li>Physical examination</li> <li>Ultrasound</li> <li>Electromyography (nerve test)</li> </ul> <ul> <li>Treatments</li> <li>Surgical treatments</li> <li>Carpal tunnel surgery</li> </ul>	To include:  Overview and causes  How the causes of carpal tunnel syndrome link to the structure and functions of the musculoskeletal system For example:  Why pressure on the median nerve causes numbness in the hands  Main signs and symptoms  Know the main signs and symptoms of carpal tunnel syndrome  Diagnosis and monitoring  What the methods are  How and when the methods are used to diagnose and monitor carpal tunnel syndrome  Treatments  What the treatments are  How the treatments work

- Factors that make the development of the condition more likely
  - Wrist fracture
  - Obesity or being overweight
  - Family history
  - Working with vibrating tools
  - Prolonged/regular computer-based activities
  - Rheumatoid arthritis
  - Hormonal or metabolic changes (for example, due to pregnancy, menopause, thyroid imbalance)
- □ Control and prevention
  - Grip with less force
  - Take breaks when working with hands
  - Keep hands warm
  - Hand stretches
- Impact of the condition on the individual
  - Physical
  - Intellectual
  - Emotional
  - Social

# Factors that make the development of the condition more likely

 How the factors listed make the development of the condition more likely and how this links to the musculoskeletal system

# Control and prevention

- How the methods listed help to control and prevent the condition and how they link to the musculoskeletal system
- Impact of the condition on the individual should consider all aspects of Topic Area 4.3.1
- Application of all of Topic Area 4.3.1 to different scenarios, including responding to and providing examples

#### 4.3.2 Osteoarthritis

- Overview and causes
  - · Loss of cartilage
  - Loss of joint space
  - Friction between bones
  - Inflammation
  - Bone spurs
- Main signs and symptoms
  - Pain
  - Inflammation
  - Stiffness
  - Limited range of movement
  - Grating and crackling sounds in joints
- Diagnosis and monitoring
  - Physical examination
  - X-rav
  - Exploratory surgery
- □ Treatments
  - Surgical treatments
    - Joint fusing
    - Joint replacement
  - Non-surgical treatments
    - Pain medication

#### To include:

#### □ Overview and causes

- How the causes of osteoarthritis link to the structure and functions of the musculoskeletal system
   For example:
  - How the loss of cartilage causes friction between the bones and leads to pain and stiffness

#### Main signs and symptoms

Know the main signs and symptoms of osteoarthritis

#### Diagnosis and monitoring

- What the methods are
- How and when the methods are used to diagnose and monitor osteoarthritis
- Students may be asked to interpret Xrays of the condition
- □ Treatments
  - What the treatments are
  - How the treatments work
  - The benefits and limitations of the treatments

	<ul> <li>Non-steroidal anti-inflammatory drugs</li> </ul>	
	(NSAID)	
	Steroid injections	
	Factors that make the development of the	□ Factors that make the development of
	condition more likely	the condition more likely
	• Age	<ul> <li>How the factors listed make the</li> </ul>
	• Obesity	development of the condition more likely
	<ul> <li>Other joint conditions</li> </ul>	and how this links to musculoskeletal
	• Joint injury	system
	Control and prevention	□ Control and prevention
	Joint support devices	<ul> <li>How the methods listed help to control</li> </ul>
	Lifestyle changes	and prevent the condition. How they link
	<ul> <li>Exercise regularly</li> </ul>	to the musculoskeletal system
	<ul><li>Lose weight</li></ul>	,
	Impact of the condition on the individual	□ Impact of the condition on the individual
	Physical	should consider all aspects of Topic Area
	Intellectual	4.3.2
	Emotional	
	Social	□ Application of all of Topic Area 4.3.2 to
	Social	different scenarios, including responding to
		and providing examples
To	pic Area 5: Control and regulatory syster	ns
	eaching content	Breadth and depth
	1 The nervous system	
	1.1 Components of the nervous system	To include:
	Central nervous system	□ Know the main components of the nervous
	Peripheral nerves	system
	Autonomic system	<ul> <li>Know the functions of each component</li> </ul>
	Autonomic system Spinal cord	
	Autonomic system Spinal cord Sensory and motor neurones	<ul><li>□ Know the functions of each component</li><li>□ Know how the components work together</li></ul>
5.°	Autonomic system Spinal cord Sensory and motor neurones 1.2 The brain	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> </ul> To include:
5. <sup>1</sup>	Autonomic system Spinal cord Sensory and motor neurones 1.2 The brain Cerebral cortex	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:</li> <li>Know the location and function of each of</li> </ul>
5. <sup>1</sup>	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:</li> <li>Know the location and function of each of the structures</li> </ul>
5. <sup>1</sup>	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:</li> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use</li> </ul>
5.°	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:</li> <li>Know the location and function of each of the structures</li> </ul>
5.°	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:</li> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul>
5.°	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:</li> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> <li>Does not include:</li> </ul>
5.°	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:</li> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> <li>Does not include:</li> <li>Any other structures of the brain</li> </ul>
5.°	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:</li> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> <li>Does not include:</li> <li>Any other structures of the brain</li> <li>To include:</li> </ul>
5.°	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:         <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> </li> <li>Does not include:         <ul> <li>Any other structures of the brain</li> </ul> </li> <li>To include:         <ul> <li>Neurones</li> </ul> </li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones • Dendrites	<ul> <li>□ Know the functions of each component</li> <li>□ Know how the components work together</li> <li>To include:</li> <li>□ Know the location and function of each of the structures</li> <li>□ Students may be asked to label and/or use diagrams of the brain</li> <li>Does not include:</li> <li>□ Any other structures of the brain</li> <li>To include:</li> <li>□ Neurones</li> <li>■ Students may be asked to label and/or</li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites Soma	<ul> <li>□ Know the functions of each component</li> <li>□ Know how the components work together</li> <li>□ To include:</li> <li>□ Know the location and function of each of the structures</li> <li>□ Students may be asked to label and/or use diagrams of the brain</li> <li>□ Does not include:</li> <li>□ Any other structures of the brain</li> <li>To include:</li> <li>□ Neurones</li> <li>■ Students may be asked to label and/or use diagrams of sensory and motor</li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites Soma Nucleus	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:         <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> </li> <li>Does not include:         <ul> <li>Any other structures of the brain</li> </ul> </li> <li>To include:         <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> </ul> </li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites Soma Nucleus Axon	<ul> <li>□ Know the functions of each component</li> <li>□ Know how the components work together</li> <li>To include:</li> <li>□ Know the location and function of each of the structures</li> <li>□ Students may be asked to label and/or use diagrams of the brain</li> <li>Does not include:</li> <li>□ Any other structures of the brain</li> <li>To include:</li> <li>□ Neurones</li> <li>● Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>□ Nerve action</li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites Soma Nucleus Axon Schwann Cells	<ul> <li>□ Know the functions of each component</li> <li>□ Know how the components work together</li> <li>To include:</li> <li>□ Know the location and function of each of the structures</li> <li>□ Students may be asked to label and/or use diagrams of the brain</li> <li>Does not include:</li> <li>□ Any other structures of the brain</li> <li>To include:</li> <li>□ Neurones</li> <li>• Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>□ Nerve action</li> <li>• Nerve action (movement of an impulse</li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites Soma Nucleus Axon Schwann Cells Myelin Sheath	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:         <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> </li> <li>Does not include:         <ul> <li>Any other structures of the brain</li> </ul> </li> <li>To include:         <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>Nerve action</li> <li>Nerve action (movement of an impulse across a synapse)</li> </ul> </li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites  Soma  Nucleus  Axon  Schwann Cells  Myelin Sheath  Node of Ranvier	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:         <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> </li> <li>Does not include:         <ul> <li>Any other structures of the brain</li> </ul> </li> <li>To include:         <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>Nerve action</li> <li>Nerve action (movement of an impulse across a synapse)</li> <li>The function of each component listed in</li> </ul> </li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites  Soma  Nucleus  Axon  Schwann Cells  Myelin Sheath  Node of Ranvier  Synaptic knob	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> </ul> To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> Does not include: <ul> <li>Any other structures of the brain</li> </ul> To include: <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>Nerve action</li> <li>Nerve action (movement of an impulse across a synapse)</li> <li>The function of each component listed in nerve action</li> </ul>
5.	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites  Soma  Nucleus  Axon  Schwann Cells  Myelin Sheath  Node of Ranvier  Synaptic knob Nerve Action	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:         <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> </li> <li>Does not include:         <ul> <li>Any other structures of the brain</li> </ul> </li> <li>To include:         <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>Nerve action</li> <li>Nerve action (movement of an impulse across a synapse)</li> <li>The function of each component listed in nerve action</li> <li>Students may be asked to label and/or</li> </ul> </li> </ul>
5.··	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites  Soma  Nucleus  Axon  Schwann Cells  Myelin Sheath  Node of Ranvier  Synaptic knob Nerve Action  Action potential	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> </ul> To include: <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> Does not include: <ul> <li>Any other structures of the brain</li> </ul> To include: <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>Nerve action</li> <li>Nerve action (movement of an impulse across a synapse)</li> <li>The function of each component listed in nerve action</li> </ul>
5.··	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites  Soma  Nucleus  Axon  Schwann Cells  Myelin Sheath  Node of Ranvier  Synaptic knob Nerve Action  Action potential  Synaptic knob	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:         <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> </li> <li>Does not include:         <ul> <li>Any other structures of the brain</li> </ul> </li> <li>To include:         <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>Nerve action</li> <li>Nerve action (movement of an impulse across a synapse)</li> <li>The function of each component listed in nerve action</li> <li>Students may be asked to label and/or</li> </ul> </li> </ul>
5.··	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites  Soma  Nucleus  Axon  Schwann Cells  Myelin Sheath  Node of Ranvier  Synaptic knob Nerve Action  Action potential  Synapse	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:         <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> </li> <li>Does not include:         <ul> <li>Any other structures of the brain</li> </ul> </li> <li>To include:         <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>Nerve action</li> <li>Nerve action (movement of an impulse across a synapse)</li> <li>The function of each component listed in nerve action</li> <li>Students may be asked to label and/or</li> </ul> </li> </ul>
5.··	Autonomic system Spinal cord Sensory and motor neurones  1.2 The brain Cerebral cortex Cerebellum Brain stem Meninges Cerebral fluid Pituitary gland Hypothalamus  1.3 Neurone Structure of neurones  Dendrites  Soma  Nucleus  Axon  Schwann Cells  Myelin Sheath  Node of Ranvier  Synaptic knob Nerve Action  Action potential  Synaptic knob	<ul> <li>Know the functions of each component</li> <li>Know how the components work together</li> <li>To include:         <ul> <li>Know the location and function of each of the structures</li> <li>Students may be asked to label and/or use diagrams of the brain</li> </ul> </li> <li>Does not include:         <ul> <li>Any other structures of the brain</li> </ul> </li> <li>To include:         <ul> <li>Neurones</li> <li>Students may be asked to label and/or use diagrams of sensory and motor neurones</li> <li>Nerve action</li> <li>Nerve action (movement of an impulse across a synapse)</li> <li>The function of each component listed in nerve action</li> <li>Students may be asked to label and/or</li> </ul> </li> </ul>

5.2 Homeostasis	
5.2.1 Homeostatic mechanisms	To include:
□ Variable	□ The principle of homeostasis
□ Receptor	□ The importance of homeostasis
□ Control centre	□ What are variables, for example levels too
□ Effector	high or low
<ul> <li>Negative feedback mechanism</li> </ul>	□ The role of the receptor, control centre and
	effector in homeostasis
	□ What is meant by a negative feedback
	mechanism
	Does not include:
	□ Positive feedback mechanisms
5.2.2 Control and regulation of blood	To include:
glucose	□ The role of homeostasis in the control and
□ Pancreas	regulation of blood glucose
□ Liver	□ The role of each component in the control
□ Cells	and regulation of blood glucose
□ Insulin	
□ Glucagon	
□ Glucose	
□ Glycogen	
5.2.3 Control and regulation of water levels	To include:
□ Hypothalamus	☐ The role of homeostasis in the control and
□ Pituitary	regulation of water levels
□ Antidiuretic hormone	□ The role of each component in the control
□ Kidney	and regulation of water levels
□ Bladder	
□ Urine	<u> </u>
5.2.4 Control and regulation of body	To include:
temperature	☐ The role of homeostasis in the control and
☐ Hypothalamus	regulation of body temperature
□ Capillaries	☐ The role of each component in the control
□ Muscles	and regulation of body temperature
□ Hair	
□ Sweat glands	u evetome
5.3 Conditions of the control and regulator 5.3.1 Ischaemic strokes	To include:
□ Overview and causes	□ Overview and causes
Blood clot in a blood vessel in or too the	How the causes of ischaemic strokes link
brain	to the structure and functions of the
Brain tissue deprived of oxygen	
	control and regulatory system
1	For example:
Which affects how the body functions	How a blood clot restricts blood flow  to the brain and decrease delivery of
	to the brain and decreases delivery of
	oxygen supply to brain cells and the
- Main signs and symptoms	impacts of this
☐ Main signs and symptoms	☐ Main signs and symptoms
Face dropping	Know the main signs and symptoms of
Weakness in the arms	ischaemic strokes
Slurred speech	
Headache	
Blurred vision	
Loss of consciousness	

- Diagnosis and monitoring
  - Physical examination
  - Blood tests
  - MRI scans
- □ Treatments
  - Surgical treatments
    - Thrombectomy
  - Non-surgical treatments
    - o Thrombolysis
- □ Factors that make the development of the condition more likely
  - Obesity
  - High fat and/or salt diet
  - Smoking
  - Diabetes
  - Stress
  - Hypertension
- □ Control and prevention
  - Medication
    - o Statins
    - Anti-coagulants
    - Beta blockers
  - Lifestyle changes
    - Lose weight
    - Reduce fat and/or salt in diet
    - Stop smoking
    - o Reduce stress
    - Regular exercise
- Impact of the condition on the individual
  - Physical
  - Intellectual
  - Emotional
  - Social

#### Diagnosis and monitoring

- What the methods are
- How and when the methods are used to diagnose and monitor ischaemic strokes
- Students may be asked to interpret MRI scans of the condition

#### □ Treatments

- What the treatments are
- How the treatments work
- The benefits and limitations of the treatments

# □ Factors that make the development of the condition more likely

 How the factors listed make the development of the condition more likely and how this links to the control and regulatory system

#### Control and prevention

- How the methods listed help to control and prevent the condition
- How they link to the control and regulatory system
- Impact of the condition on the individual should consider all aspects of Topic Area 5.3.1
- Application of all of Topic Area 5.3.1 to different scenarios, including responding to and providing examples

# 5.3.2 Type 2 diabetes

- Overview and causes
  - Insulin receptors stop responding properly to insulin
  - Insulin resistance has developed
  - Pancreas can become damaged and stops producing insulin
- □ Main signs and symptoms
  - Fatique
  - Unexplained weight loss
  - Thirst
  - Increased urination

#### To include:

#### Overview and causes

- How the causes of type 2 diabetes link to the structure and functions of the control and regulatory system
   For example:
  - How insulin resistance affects the uptake of glucose by cells of the body

# □ Main signs and symptoms

 Know the main signs and symptoms of type 2 diabetes

□ Diagnosis and monitoring	□ Diagnosis and monitoring
<ul> <li>Blood glucose test</li> </ul>	<ul> <li>What the methods are</li> </ul>
Urine test	<ul> <li>How and when the methods are used to</li> </ul>
Eye tests	diagnose and monitor type 2 diabetes
<ul><li>Neuropathy tests</li></ul>	anag
□ Treatments	□ Treatments
	<ul><li>I reatments</li><li>What the treatments are</li></ul>
Surgical treatments     Castrie handing	
Gastric banding	How the treatments work
Non-surgical treatments	<ul> <li>The benefits and limitations of the</li> </ul>
<ul><li>Metformin</li></ul>	treatments
Lifestyle changes	
o Lose weight	
□ Factors that make the development of the	□ Factors that make the development of
condition more likely	the condition more likely
<ul> <li>Obesity</li> </ul>	<ul> <li>How the factors listed make the</li> </ul>
<ul><li>Age 45+</li></ul>	development of the condition more likely
<ul><li>Inactivity</li></ul>	and how this links to the control and
<ul> <li>Ethnicity</li> </ul>	regulatory system
□ Control and prevention	□ Control and prevention
Lifestyle changes	<ul> <li>How the methods listed help to control</li> </ul>
○ Lose weight	and prevent the condition and how they
<ul> <li>Dietary changes</li> </ul>	link to the control and regulatory system
Regular exercise	
□ Impact of the condition on the individual	□ Impact of the condition on the individual
Physical	should consider all aspects of Topic Area
Intellectual	5.3.2
<ul> <li>Emotional</li> </ul>	
Social	□ Application of all of Topic Area 5.3.2 to
33014	different scenarios, including responding to
	and providing examples
Topic Area 6: Reproductive system	Due addle and daude
Teaching content	Breadth and depth
6.1 Female and male reproductive systems	To include:
6.1.1 Location, structure and function of the female reproductive system	□ The reproductive function of each of the
□ Vagina	structures
□ Vagina □ Cervix	□ Students may be asked to label and/or use
_	
⊓ Uterus	
□ Uterus □ Fallopian tubes	diagrams of the female reproductive system
□ Fallopian tubes	
□ Fallopian tubes □ Ovaries	diagrams of the female reproductive system
□ Fallopian tubes	diagrams of the female reproductive system  To include:
<ul><li>□ Fallopian tubes</li><li>□ Ovaries</li><li>6.1.2 Menstrual cycle</li><li>□ Menstruation</li></ul>	diagrams of the female reproductive system  To include:
□ Fallopian tubes □ Ovaries 6.1.2 Menstrual cycle □ Menstruation	diagrams of the female reproductive system  To include:  How long a menstrual cycle is
<ul> <li>□ Fallopian tubes</li> <li>□ Ovaries</li> <li>6.1.2 Menstrual cycle</li> <li>□ Menstruation</li> <li>□ Follicular phase</li> </ul>	diagrams of the female reproductive system  To include:  How long a menstrual cycle is What happens during the different phases
<ul> <li>□ Fallopian tubes</li> <li>□ Ovaries</li> <li>6.1.2 Menstrual cycle</li> <li>□ Menstruation</li> <li>□ Follicular phase</li> <li>□ Ovulation</li> </ul>	To include:  How long a menstrual cycle is What happens during the different phases of the menstrual cycle and when they occur
<ul> <li>□ Fallopian tubes</li> <li>□ Ovaries</li> <li>6.1.2 Menstrual cycle</li> <li>□ Menstruation</li> <li>□ Follicular phase</li> <li>□ Ovulation</li> <li>□ Luteal phase</li> </ul>	To include:  How long a menstrual cycle is What happens during the different phases of the menstrual cycle and when they occur in the cycle
□ Fallopian tubes □ Ovaries  6.1.2 Menstrual cycle □ Menstruation □ Follicular phase □ Ovulation □ Luteal phase □ The role of hormones	To include:  How long a menstrual cycle is What happens during the different phases of the menstrual cycle and when they occur in the cycle Hormones involved in the different phases
□ Fallopian tubes □ Ovaries  6.1.2 Menstrual cycle □ Menstruation □ Follicular phase □ Ovulation □ Luteal phase □ The role of hormones • Follicle stimulating hormone (FSH)	To include:  How long a menstrual cycle is What happens during the different phases of the menstrual cycle and when they occur in the cycle Hormones involved in the different phases Students may be asked to label and/or use

6.1.3 Menopause	To include:	
□ End of the menstrual cycle	□ Know what the menopause is	
□ 12 months without a period	□ The biological features of the menopause	
□ Caused by a reduction in oestrogen and		
progesterone		
□ Ovulation stops		
□ Usually occurs between the ages of 45 and		
55		
□ Fertility ceases		
6.1.4 Location, structure and function of	To include:	
the male reproductive system	□ Know the location and function of each of	
□ Penis	the structures	
□ Urethra	□ Students may be asked to label and/or use	
□ Scrotum	diagrams of the male reproductive system	
□ Testes		
□ Epididymis		
□ Vas deferens		
□ Prostate		
6.2 Conditions of the reproductive system		
6.2.1 Endometriosis	To include:	
<ul> <li>Overview and causes</li> </ul>	□ Overview and causes	
<ul> <li>Endometrial tissue grows outside the</li> </ul>	<ul> <li>How the causes of endometriosis link to</li> </ul>	
uterus	the structure and functions of the	
<ul> <li>Commonly affects the ovaries, fallopian</li> </ul>	reproductive system	
tubes, and pelvic region	For example:	
	<ul> <li>How endometrial tissue growing</li> </ul>	
	outside the uterus causes pelvic pain	
<ul> <li>Main signs and symptoms</li> </ul>	□ Main signs and symptoms	
Pelvic pain	<ul> <li>Know the main signs and symptoms of</li> </ul>	
<ul> <li>Pain during or after sex</li> </ul>	endometriosis	
<ul> <li>Heavy periods</li> </ul>		
Severe period pains		
Difficulties conceiving		
□ Diagnosis and monitoring	□ Diagnosis and monitoring	
Pelvic examination	What the methods are	
MRI	How and when the methods are used to	
Ultrasound	diagnose and monitor endometriosis	
	diagnose and monitor endometriosis	
Laparoscopy  Transfer out	Tuestuesute	
□ Treatment	□ Treatments	
Surgical treatments	What the treatments are	
Laparoscopic removal of	<ul> <li>How the treatments work</li> </ul>	
endometriosis tissue	<ul> <li>The benefits and limitations of the</li> </ul>	
<ul><li>Hysterectomy</li></ul>	treatments	
Non-surgical treatments		
o Pain relief		
<ul> <li>Hormonal medicines and</li> </ul>		
contraceptives	Forther that well after the above of after	
☐ Factors that make the development of the	□ Factors that make the development of	
condition more likely	the condition more likely	
Family history	How the factors listed make the	
Started periods at an early age	development of the condition more likely	
<ul> <li>Short menstrual cycles</li> </ul>	and how this links to the reproductive	
<ul> <li>Heavy menstrual periods</li> </ul>	system	

#### Control and prevention

- Pain relief
- Hormonal medicines and contraceptives
- Lifestyle changes
  - Reduce stress
  - Dietary changes
  - Exercise regularly
- Impact of the condition on the individual
  - Physical
  - Intellectual
  - Emotional
  - Social

# Control and prevention

- How the methods listed help to control and prevent the condition and how they link to the reproductive system
- Impact of the condition on the individual should consider all aspects of Topic Area 6.2.1
- □ Application of all of Topic Area 6.2.1 to different scenarios, including responding to and providing examples

#### 6.2.2 Testicular cancer

- Overview and causes
  - DNA mutations
  - Most commonly affects germ cells
  - Tumour only in the testicle (has not spread to lymph nodes or other tissues)

# Main signs and symptoms

- Lump in the testicle
- Feeling of heaviness in the scrotum
- · Pain in the testicle
- · Increased firmness of the testicle
- Diagnosis and monitoring
  - Physical examination
  - Ultrasound
  - Blood test
- □ Treatments
  - Surgical treatments
    - Orchidectomy
  - Non-surgical treatments
    - Chemotherapy
- □ Factors that make the development of the condition more likely
  - Undescended testicles
  - Family history
  - Age (15-49)
  - Previous testicular cancer
  - Radiotherapy
- Impact of the condition on the individual
  - Physical
  - Intellectual
  - Emotional
  - Social

#### To include:

#### Overview and causes

• How the causes of testicular cancer link to the structure and functions of the reproductive system For example:

 How DNA changes can result in the development of a tumour

#### Does not include:

- □ Metastatic cancer (do not need to cover secondary site cancer)
- □ Main signs and symptoms
  - Know the main signs and symptoms of testicular cancer

# Diagnosis and monitoring

- What the methods are
- How and when the methods are used to diagnose and monitor testicular cancer

### □ Treatments

- · What the treatments are
- How the treatments work
- The benefits and limitations of the treatments

# Factors that make the development of the condition more likely

- How the factors listed make the development of the condition more likely and how this links to the reproductive system
- □ Impact of the condition on the individual should consider all aspects of Topic Area 6.2.2
- □ Application of all of Topic Area 6.2.2 to different scenarios, including responding to and providing examples

#### Assessment guidance

This unit is assessed by an exam. The exam is 1 hour and 30 minutes. It has two Sections – Section A and Section B.

- Section A has 10 marks.
- Section B has 50 marks.
- The exam has 60 marks in total.

Section A	10 x 1 mark controlled response questions including multiple choice questions	
Section B		<ul> <li>Structured questions (e.g. Q11 (a), (b), (c) etc) including:</li> <li>Short answer, closed response questions (with or without diagrams) and controlled response questions including MCQs – typically 1 to 4 marks.</li> <li>Extended constructed response with points-based mark scheme – typically 1 to 4 marks, 1 mark per factor or feature to a stated maximum.</li> <li>Extended constructed responses with levels of response mark schemes.</li> <li>Some items will use scenarios/contexts.</li> </ul>
	•	All Topic Areas are assessed in each assessment.

This will be conducted under examination conditions. For more details refer to the **Administration** area.

A range of guestion types will be used in the exam.

The Health and Social Care **Guide to our Sample Assessment Material** gives more information about the layout and expectations of the exam.

The exam for this unit assesses the following Performance Objectives:

- PO1 Show knowledge and understanding
- PO2 Apply knowledge and understanding
- PO3 Analyse and evaluate knowledge, understanding and performance.

#### Synoptic assessment

This unit allows students to gain underpinning knowledge and understanding relevant to the qualification and sector. The NEA units draw on and strengthen this learning as students will apply their learning to practical or applied tasks.

The following NEA units have synoptic links with this unit. The synoptic grids at the end of these NEA units show these synoptic links.

- F094: Supporting people with long term physiological conditions
- F096: Supporting people in relation to sexual health, pregnancy and postnatal health
- F097: Supporting healthy nutrition and lifestyles

More information about synoptic assessment in these qualifications can be found in **Section 5.2 Synoptic Assessment**.

# 4.3 NEA Units

#### 4.3.1 Unit F092: Person-centred approach to care

#### **Unit Aim**

The individual is always the focus of work in health and social care, professionals should seek to empower the individual and make them central to all decisions made. This unit will introduce you to person-centred care, which involves individuals being equal partners in the planning and delivery of their care. Individuals and their families/carers should have the maximum choice and control and this unit aims to give you some of the tools to achieve that.

In this unit you will learn the principles and values that underpin a person-centred approach to care and the practical tools that can be used to develop care plans for individuals. You will explore how to communicate in health and social care, how to build relationships and the barriers that need to be overcome to achieve person-centred care. You will learn to write outline care plans to suit individuals, using person-centred approaches and develop your reflective practice skills.

Unit E002: Parson control approach to care		
Unit F092: Person-centred approach to care		
Topic area 1: Taking a person-centred approach		
Teaching content 1.1 Current context of the person-centred a	Exemplification	
□ The 6Cs	To include:	
<ul> <li>□ Person-centred values of care</li> <li>□ Personalisation</li> <li>□ Role of a person-centred approach in achieving good practice in the delivery of care service</li> </ul>	<ul> <li>The 6Cs and person-centred values of care, taught in Unit F090</li> <li>Ensuring that an individual's preferences, needs and values guide the care that is provided</li> <li>Focusing care on the needs of the individual and providing care which is respectful to them</li> <li>The individual is placed at the centre of the service and individuals are seen as unique people</li> <li>Know that the Care Act 2014 supports person-centred care</li> </ul>	
	Does not include:	
1.2 What a person-centred approach is		
<ul> <li>□ A balance between what is important to and what is important for a person</li> <li>□ Clarification of roles and responsibilities</li> <li>□ Co-production - voice, choice and control</li> <li>□ Applying person-centred values</li> </ul>	Examples of what is important to a person may include, to:  Be treated as an equal partner in decision making about their care Be able to make decisions about their life/care Have more of what is important to them  Examples of what is important for a person may include, to: Live life the way they want to Be employed Form meaningful relationships	

OCR Level 3 Alternative Academic Qualification Cambridge	e Advanced Nationals in Health and Social Care
	<ul> <li>□ Be able to participate in community activities</li> <li>□ Volunteer</li> <li>□ Feel they belong</li> <li>To include:</li> <li>□ Benefits of co-production</li> <li>Does not include:</li> <li>□ Potential savings</li> <li>□ The costs of co-production</li> </ul>
1.3 Independence and rights	- · · ·
<ul> <li>Considerations for inclusion/participation in the local community</li> <li>Respecting individuals' rights to accept or decline support</li> <li>Support individuals to be as independent as possible</li> </ul>	<ul> <li>To include:</li> <li>Balance between what is important to and for a person</li> <li>Decision making should be supported and encouraged</li> <li>Information should be given to the individual in a way that is accessible for them</li> <li>Right to a private space and to personal information being kept private</li> </ul>
1.4 Benefits of a person-centred approach	
<ul> <li>Allows the individual to remain independent</li> <li>Improved experience of health care and social care</li> <li>Increases a sense of wellbeing</li> <li>Increases self-esteem and confidence</li> <li>May increase confidence in other services</li> <li>Promotes positive relationships</li> </ul>	<ul> <li>To include:         <ul> <li>How a person-centred approach recognises diversity</li> <li>If the individual is listened to, it will boost their emotional wellbeing</li> <li>Individuals can choose to remain in their own home, which boosts wellbeing</li> <li>Sense of achievement for the practitioner working with the individual</li> <li>Teamwork can be between individual and practitioner, between colleagues, between practitioner and individual's family</li> <li>The individual will feel valued</li> </ul> </li> </ul>
1.5 Methods used to ensure a person-centr	
1.5.1 Person-centred planning tools used to gather information about the individual and their routines  Good days/bad days Important to/important for Perfect week Relationship circle	To include:  □ Review a range of these tools (template forms for each tool can be used – these are often referred to as person-centred planning or thinking tools)  □ The main features of each tool  □ How using the tools ensures a person-centred approach  □ How to consider the tools in interview planning and preparation  □ How to use tools to gather information about the individual  □ Links to communication skills (Topic Area 3)
<ul><li>1.5.2 Interviewing an individual</li><li>Planning and preparation</li><li>Conducting an interview</li><li>Taking accurate notes</li></ul>	

1.5.3 Creating a one-page profile (OPP)	To include:
, , , , , , , , , , , , , , , , , , ,	□ The main features of <b>a one-page profile</b>
	(OPP)
	□ How an <b>OPP</b> ensures a person-centred
	approach
	□ Linking the creation of an <b>OPP</b> to gathering
	information and interviewing an individual
	Examples of the main features of an OPP
	may include:
	□ Personal details (such as name, age,
	occupation)
	□ What people like/appreciate about me
	□ What is important to me
Total Association de la contraction de la contra	□ How to support me
Topic Area 2: Meeting needs and providing	
Teaching content	Exemplification
2.1 Types of impairment	Everyles of types of imperiment may
□ Cognitive □ Communication	Examples of <b>types of impairment</b> may include:
Discrete	□ Cognitive: memory loss, issues with focus
□ Pnysical □ Sensory	and concentration, brain injury
believity	□ <b>Communication</b> : losing the ability to speak,
	affected speech
	□ <b>Physical</b> : broken bones, loss of limb(s),
	paralysis, incontinence
	□ <b>Sensory</b> : visual, hearing, touch
2.2 Impact of an impairment on an individu	
□ Employment or education	To include:
□ Family responsibilities	□ What might remain the same as well as
□ Lifestyle activities	what might change
□ Personal care	□ How an individual might maintain their
□ Social activities	lifestyle or establish a new routine
	Examples of employment or education may
	include:
	<ul><li>□ Getting to and from work</li><li>□ Being able to do your job</li></ul>
	Examples of <b>family responsibilities</b> may
	include:
	☐ Taking children to/collecting from school
	□ Caring for a relative
	3
	Examples of <b>personal care</b> may include:
	□ Cooking meals
	□ Cleaning the house
	□ Dressing
	□ Feeding
	□ Toileting
	Examples of <b>social</b> and <b>lifestyle</b> may include:
	□ Exercise
1	□ Going out to eat

2.3 Understanding care and support needs arising from impairment			
□ Identifying care and support needs in	To include:		
relation to:	<ul> <li>Consulting with individual to establish</li> </ul>		
Physical	support needs		
Intellectual	<ul> <li>Considering medical needs, alongside</li> </ul>		
Emotional	emotional and social needs		
Social			
□ Being able to prioritise support needs	Examples of care and support needs may		
□ What is important to the individual and what	include:		
they enjoy	□ Physical: mobility issues, manipulative		
☐ How they will have control over their life	issues such as dressing and eating		
□ How to ensure independence	<ul> <li>Intellectual: memory issues, understanding</li> </ul>		
	processes		
	□ Emotional: Mental health support,		
	maintaining self-esteem		
	□ Social: opportunities to meet others,		
	maintaining relationships with family and		
	friends		
2.4 Addressing care and support needs			
2.4.1 Considering an individual's needs:	To include:		
□ Emotional wellbeing	<ul> <li>Importance of remembering that the</li> </ul>		
□ Mobility	individual's wishes are paramount		
□ Nutrition and hydration	□ How to use the information collected in an		
□ Personal care	OPP		
□ Social interests and activities	□ Different health and social care settings will		
□ Spiritual and cultural wellbeing	use different care approaches; a selection		
	should be reviewed		
2.4.2 Equipment to support:			
□ Mobility			
□ Nutrition and hydration			
□ Personal care	- Mayo of boing family/friends boing involved		
2.4.3 Role of family/friends in supporting an individual's needs	<ul> <li>Ways of being family/friends being involved</li> <li>Family/friends liaising with the individual</li> </ul>		
□ Advocacy			
•	the individual		
□ Emotional support	the mulvidual		
<ul><li>Physical support</li><li>Practical support</li></ul>			
2.4.4 Support services and practitioners	Examples of <b>statutory</b> , <b>voluntary or private</b>		
□ Statutory, voluntary or private services	services may include:		
☐ The types of services they offer	□ Charities		
□ How the services are accessed	□ Community provision from NHS		
□ Practitioners involved	□ Day centres		
a radiiidhdhan iirdhad	□ Local authority, such as housing		
	department		
	□ Social services		
	Examples of the <b>types of services</b> offered		
	may include:		
	□ Online and/or face-to-face		
	consultations/appointment		
	Examples of how the services are accessed		
	may include:		
	□ Self-referral		
	□ GP referral		

	Examples of <b>practitioners involved</b> may
	include:
	□ Community nurse
	□ Family support worker
	□ GP practice nurse
	□ Mental health nurse
	☐ Mental health support worker
	Occupational therapist    Discription   Occupation   Occupation
	□ Physiotherapist □ Counsellor
	□ Counsellor □ Care assistant
	□ Activities co-ordinator
Topic Area 3: Communication skills needed	
Teaching content	Exemplification
3.1 Verbal communication skills	•
□ Pace	To include:
□ Suitability for audience	□ Adapting verbal communication to ensure
□ Tone and pitch	appropriate to context/situation/audience
	□ Not using slang or jargon in communication
	with individuals
	□ Consequences of not adapting to the
	individual
3.2 Non-verbal communication skills	I <del></del>
□ Body language	To include:
□ Eye contact	<ul> <li>Adapting non-verbal communication to suit the context</li> </ul>
<ul><li>□ Facial expression</li><li>□ Proximity</li></ul>	□ Impact of different cultures on non-verbal
□ Proximity □ SOLER theory	communication
□ Touch	□ Linking to health and social care situations
1 Todon	□ SOLER theory – sit Squarely; Open
	posture; Lean towards the other; Eye
	contact; Relaxed body language
	□ Positive and negative body language and
	facial expression
	□ Consequences if adaptations not made
3.3 Factors which enhance/inhibit commun	
□ Environmental factors	To include:
Comfortable surroundings	□ How each of these aspects might have a
Heat	positive or negative impact
Lighting	<ul> <li>How each of these might present different issues in different health and social care</li> </ul>
Noise	settings
Privacy	Settings
□ Interpersonal and emotional factors	
Cultural barriers	
Emotional context  Palette making with in dividual.	
Relationship with individual	
3.4 Written communication skills in health	
Accurate recording of information	To include:
<ul><li>Appropriateness to context</li><li>Awareness of audience</li></ul>	<ul><li>Consequences of inaccuracy</li><li>Spelling and grammar is generally accurate</li></ul>
Awareness of addience	and any errors do not affect the clarity of
	what is written
	□ Awareness of avoiding unnecessary
	acronyms or explaining professional jargon
	□ Accessibility for the individual, non-
	nrofessionals and professionals

#### Assessment criteria

**Section 6.4** provides full information on how to assess the NEA units and apply the assessment criteria.

These are the assessment criteria for the tasks for this unit. The assessment criteria indicate what is required in each task. Students' work must show that all aspects of a criterion have been met in sufficient detail for it to be **successfully achieved** (see **Section 6.4.1**). If a student's work does not fully meet a criterion, you must not award that criterion.

The command words used in the assessment criteria are defined in **Appendix B**.

Pass	Merit	Distinction
P1: Create a plan for an interview with your chosen individual.	M1: Explain in your plan how you will use a person-centred approach when interviewing your chosen individual.	<b>D1: Evaluate</b> the effectiveness of the overall process in creating an accurate, detailed one-page profile.
P2: Conduct an interview with your chosen individual to gather information about them.		
P3: Complete the specified tools with an appropriate level of detail.	M2: Assess how well you used the tools to gather and capture information about	
P4: Create a detailed one- page profile for your chosen individual using accurate written communication skills.	your chosen individual.	
P5: Collect feedback on the one-page profile from your chosen individual about how accurately they consider it	M3: Analyse how accurate the one-page profile is, using the feedback from your chosen individual.	DO Do common de la discatifica
reflects them as a person.	onecon marviadal.	<b>D2</b> : <b>Recommend</b> and <b>justify</b> improvements you would make if you were to create a onepage profile for a real service user.
<b>P6:</b> Using the one-page profile from Task 1, <b>summarise</b> the care and support needs of your chosen individual because of the impairment in relation to PIES.		<b>D3</b> : <b>Explain</b> how you used person-centred values when creating the outline plan.
P7: Identify three appropriate pieces of equipment to support your chosen individual.	M4: Explain how the equipment identified in P7 can help to address the needs of your chosen individual.	
<b>P8: Describe</b> how family and friends could support your chosen individual to overcome	<b>M5</b> : <b>Explain</b> how the support from family and friends will help your chosen individual	
the impact of the impairment.	in their activities of daily living and to achieve their perfect week.	<b>D4: Evaluate</b> the effectiveness of your outline plan in supporting your chosen
P9: Describe three support services and related practitioners that could be involved in the care and	<b>M6: Explain</b> how the support services and practitioners could help your chosen individual in their activities of	individual in their activities of daily living and to achieve their perfect week.

support of your chosen individual and how you access them.	daily living and to achieve their perfect week.	
P10: Summarise how your use of a person-centred		
approach will benefit your chosen individual.		
<b>P11: Explain</b> the outline plan using effective communication skills.	M7: Assess the communication skills you used when explaining the	<b>D5: Explain</b> how you would take into account the factors that enhance and inhibit
P12: Collect feedback about the communication skills you used when explaining the outline plan.	outline plan and suggest any improvements.	communication if you were to explain the outline plan to your chosen individual.

# Assessment guidance

This assessment guidance gives you information relating to the assessment criteria. There might not be additional assessment guidance for each assessment criterion. It is included only where it is needed.

Assessment	Assessment guidance		
Criteria			
Task 1 General	<ul> <li>Students must choose an individual to interview. This could include friends, family or peers. Students will use this individual as the basis for Task 2, so should consider this when choosing the individual.</li> <li>Ethical and safeguarding issues must be considered when choosing the individual. You may ask your teacher for advice, if necessary.</li> <li>Students must not interview individuals who have already completed the assignment.</li> <li>The student must obtain written permission from their chosen individual to use their details in their assessment. If the individual is under 18 years old, this requires a signature from a parent/carer. This permission must be submitted with the work.</li> <li>The interview element of the task does not need to be completed under</li> </ul>		
	teacher supervised conditions but it is necessary in order for students to access the criteria.		
P1	The plan for the interview must include details of who will be interviewed, where and when the interview will take place, what questions the student will ask, why they are asking them and how they will complete the interview.		
P3 and 4	<ul> <li>The level of detail is appropriate if it allows the student to create a detailed one-page profile (P4) and continue their work into Task 2, where they are required to recommend suitable care based on the impact of an impairment (Topic Area 2.2). Without enough detail the student may struggle to complete Task 2.</li> <li>For P3 templates can be used to complete the tools and the one-page</li> </ul>		
	profile. There are a range of templates available for the tools listed. Students can use any template that is appropriate. To achieve this criterion, students must use <b>all four</b> tools.		
	<ul> <li>For P4, the one-page profile must be based on the information gathered in P3. It must be accurate (Topic Area 3.4), as written communication is assessed in this criterion.</li> </ul>		
P2 and P5	<ul> <li>For P5 the student must collect feedback from their individual. This can be in the form of notes made by the student based on a conversation with the individual or written feedback from the individual.</li> </ul>		

	An Interview Authentication Form must accompany the work to
	confirm that the teacher is confident that the student conducted the
	interview. The form must be signed by the teacher and student. The
DO	teacher doesn't need to witness the interview.
D2	For D2, improvements must relate to the evidence the student has
Task 2	already generated throughout Task 1.
General	The outline plan for care and support must cover the next eight weeks of the individual's life. It does not need to include language to the language.
General	the individual's life. It does not need to include long term planning beyond this time period.
	<ul> <li>The outline care and support plan is made up of the evidence produced</li> </ul>
	by students for P6, P7, P8, P9, P10, M4, M5 and M6.
P6	<ul> <li>For P6, students must summarise the individual's care and support</li> </ul>
	needs because of the impairment. The needs must be based on the
	information in the one-page profile they produced in Task 1. They must
	consider the individual's: physical, intellectual, emotional and social
	needs. If students feel that there is no impact on an area of PIES they
	must provide their reasoning.
P7	For P7, all three pieces of equipment must be relevant and appropriate
	to address the needs of the individual.
M4	• For M4, the explanation must be about how the <b>three</b> pieces of
	equipment in P7 help to address care needs identified in P6.
D3	For D3 students must explain which values they used and how they
D0	used them to create the plan.
P8	For P8, the student must describe how friends and family could be
	involved with the proposed support for the individual. They must cover
	<b>all four</b> areas listed in Topic Area 2.4.3 of the specification (advocacy,
P9 and M6	<ul> <li>emotional support, physical support, practical support).</li> <li>For criteria P9 and M6, the practitioners and support services need to</li> </ul>
1 5 and Wio	be relevant to the needs of the individual and must cover health care
	and social care. These services and practitioners could be local or
	national. For P9, students need to include how these services are
	accessed, including the referral process. Refer to support services and
	practitioners listed in Topic Area 2.4 of the specification.
P11	Teachers must complete a 'Teacher Observation Record' for each
	student to evidence they have met the criteria. Students must also read
	and sign it.
	<ul> <li>Students must talk through the outline plan using verbal and non-verbal</li> </ul>
	communication skills. They must explain the outline plan to the teacher,
	or a peer. If the outline plan is explained to a peer, this must be
	recorded, so that the teacher can use the recording to complete the
	Teacher Observation Record. The recording does not need to be submitted to OCR.
	<ul> <li>The teacher or peer must give adequate feedback to enable the student to access P12 and M7.</li> </ul>
P12	Students must collect feedback from the teacher or a peer about the
	communication skills used when explaining the outline care and support
	plan. They do not need to collect feedback about the content of the plan.
	Feedback can be in the form of notes made by the student based on a
	conversation with the teacher or peer or written feedback from the
	teacher or peer.
D4	For D4, this must relate to the perfect week from Task 1. For criterion
	M7, students must use feedback and self-reflection when assessing
	their communication skills.

D5	For D5, stud	ents must consider how environmental, interpersonal and/or
	emotional fa	ctors could impact on how they would communicate the
	outline plan i	n a face-to-face situation, if their chosen individual were a
	service user	of the agency (Topic Area 3.3).

# Synoptic assessment

Some of the knowledge, understanding and skills needed to complete this unit will draw on the learning in Unit F090.

This table details the synoptic links.

Unit F092: Person-centred approach to care		Unit F090: Principles of health and social care	
Topic Area		Topic Area	
1	Taking a person-centred approach	1	Equality, diversity, and rights in health and social care settings
		4	Best practice in health and social care settings
2	Meeting needs and providing support in a person-centred way	1	Equality, diversity, and rights in health and social care settings
		4	Best practice in health and social care settings
3	Communication skills needed to offer person-centred care	1	Equality, diversity, and rights in health and social care settings
		4	Best practice in health and social care settings

More information about synoptic assessment in these qualifications can be found in **Section 5.2 Synoptic assessment.** 

#### 4.3.2 Unit F093: Supporting people with mental health conditions

#### **Unit Aim**

What does mental health mean? What are the effects of a mental health condition and what support is available for individuals? There are many types of mental health conditions and causes can be complex. Mental health conditions are common, yet many individuals who live with them do not have any support. Treatments and services for individuals with mental health conditions and attitudes towards those individuals and the conditions themselves, need to be better understood and addressed.

In this unit you will learn about how individuals with mental health conditions can be cared for and supported in a way which is suitable for their needs. You will do this through exploring the meaning of mental health and mental health needs, and considering the main types of mental health conditions and how these may affect the life of individuals. You will explore the different ways that individuals may be supported to promote their mental wellbeing, manage their condition, and different forms of treatment and support that may be available.

Unit F093: Supporting people with mental health conditions				
Topic Area 1: Definitions and views of mental health				
Teaching content	Exemplification			
1.1 Definitions of mental health				
<ul> <li>□ Key organisations</li> <li>• World Health Organisation (WHO)</li> <li>• NHS</li> <li>• MIND</li> <li>□ How key organisations define mental health</li> <li>1.2 How society views mental health</li> <li>□ Work of key organisations (from Topic Area 1.1)</li> </ul>	To include:  How key organisations define mental health, including what they consider to be good and poor mental health  Does not include: History of the organisations  To include: How key organisations, media and role			
<ul> <li>□ Media coverage</li> <li>□ Role models</li> <li>□ Stigmas, stereotypes and prejudices</li> </ul>	<ul> <li>now key organisations, friedla and fole models influence views of mental health in the UK</li> <li>The types of stigmas, stereotypes and prejudices which continue to exist and their impact</li> <li>Positive views/examples, which may include:         <ul> <li>Media coverage raising awareness of mental health issues</li> <li>Increasing number of role models and famous people talking about mental health challenges</li> <li>Negative views/examples, which may include:                 <ul> <li>Media coverage which reinforces simplistic views and stereotypes</li> </ul> </li> </ul> </li> </ul>			
Topic Area 2: Mental health conditions				
Teaching content	Exemplification			
2.1 Types of mental health conditions	Evenuela of turno of mantal books and the same			
<ul> <li>□ Anxiety disorders</li> <li>□ Mood disorders</li> <li>□ Eating disorders</li> <li>□ Phobias</li> </ul>	Examples of types of mental health conditions may include:    Anxiety disorders - generalised anxiety disorder, panic disorder, social anxiety			
<ul> <li>Phobias</li> <li>Personality disorders</li> <li>Post Traumatic Stress Disorder (PTSD)</li> </ul>	disorder, partic disorder, social arixiety disorder, separation anxiety disorder, Obsessive compulsive disorder (OCD)			

□ Psychotic disorders	<ul> <li>Mood disorders – clinical depression,</li> </ul>
	bipolar, post-natal depression, Seasonal
	Affective Disorder (SAD)
	□ Eating disorders – anorexia, bulimia,
	binge eating disorder, EDNOS (eating
	disorder not otherwise specified)
	□ Phobias – agoraphobia, situational
	phobias
	□ Personality disorders – borderline
	personality disorder
	□ <b>Psychotic disorders</b> – schizophrenia
	Does not include:
	□ Dementia
	□ Neurodevelopmental disorders –
	autism/ASD, ADHD
2.2 Signs and symptoms of mental health of	
□ Anger or aggressive behaviour	To include:
□ Changes from normal patterns of	☐ How signs and symptoms might vary in
behaviour	severity between individuals and
□ Confusion	conditions
□ Extreme mood changes of highs and	□ How signs and symptoms might develop
lows	if the condition worsens, for example, in
□ Fear or panic	terms of number, frequency and/or
□ Hallucinations	severity
□ Risk to self or others	•
□ Self-harm	
□ Signs of stress	
□ Substance misuse	
□ Suicidal thoughts	
□ Withdrawal from family and friends	
2.3 Individual factors which can increase t	he risk of suffering from mental health
conditions	T
□ Bereavement	To include:
□ Childhood abuse, trauma, or neglect	□ What the factors mean
L = Lyperieneina dicerimination and atiama	
□ Experiencing discrimination and stigma	□ How the factors may increase the risk
□ Family circumstances	
<ul><li>□ Family circumstances</li><li>□ Physical health</li></ul>	
<ul><li>□ Family circumstances</li><li>□ Physical health</li><li>□ Relationships</li></ul>	
<ul> <li>Family circumstances</li> <li>Physical health</li> <li>Relationships</li> <li>Severe or long term stress</li> </ul>	
<ul> <li>Family circumstances</li> <li>Physical health</li> <li>Relationships</li> <li>Severe or long term stress</li> <li>Social disadvantage</li> </ul>	
<ul> <li>Family circumstances</li> <li>Physical health</li> <li>Relationships</li> <li>Severe or long term stress</li> <li>Social disadvantage</li> <li>Education and/or employment</li> </ul>	
<ul> <li>Family circumstances</li> <li>Physical health</li> <li>Relationships</li> <li>Severe or long term stress</li> <li>Social disadvantage</li> <li>Education and/or employment</li> <li>Homelessness or poor housing</li> </ul>	
<ul> <li>Family circumstances</li> <li>Physical health</li> <li>Relationships</li> <li>Severe or long term stress</li> <li>Social disadvantage</li> <li>Education and/or employment</li> <li>Homelessness or poor housing</li> <li>Poverty or debt</li> </ul>	
<ul> <li>□ Family circumstances</li> <li>□ Physical health</li> <li>□ Relationships</li> <li>□ Severe or long term stress</li> <li>□ Social disadvantage</li> <li>■ Education and/or employment</li> <li>■ Homelessness or poor housing</li> <li>■ Poverty or debt</li> <li>□ Social isolation or loneliness</li> </ul>	
<ul> <li>□ Family circumstances</li> <li>□ Physical health</li> <li>□ Relationships</li> <li>□ Severe or long term stress</li> <li>□ Social disadvantage</li> <li>● Education and/or employment</li> <li>● Homelessness or poor housing</li> <li>● Poverty or debt</li> <li>□ Social isolation or loneliness</li> <li>□ Substance misuse</li> </ul>	
<ul> <li>□ Family circumstances</li> <li>□ Physical health</li> <li>□ Relationships</li> <li>□ Severe or long term stress</li> <li>□ Social disadvantage</li> <li>• Education and/or employment</li> <li>• Homelessness or poor housing</li> <li>• Poverty or debt</li> <li>□ Social isolation or loneliness</li> <li>□ Substance misuse</li> <li>2.4 Effects of mental health conditions</li> </ul>	□ How the factors may increase the risk
<ul> <li>□ Family circumstances</li> <li>□ Physical health</li> <li>□ Relationships</li> <li>□ Severe or long term stress</li> <li>□ Social disadvantage</li> <li>• Education and/or employment</li> <li>• Homelessness or poor housing</li> <li>• Poverty or debt</li> <li>□ Social isolation or loneliness</li> <li>□ Substance misuse</li> <li>2.4 Effects of mental health conditions</li> <li>□ Physical</li> </ul>	□ How the factors may increase the risk  To include:
<ul> <li>□ Family circumstances</li> <li>□ Physical health</li> <li>□ Relationships</li> <li>□ Severe or long term stress</li> <li>□ Social disadvantage</li> <li>● Education and/or employment</li> <li>● Homelessness or poor housing</li> <li>● Poverty or debt</li> <li>□ Social isolation or loneliness</li> <li>□ Substance misuse</li> <li>2.4 Effects of mental health conditions</li> <li>□ Physical</li> <li>□ Intellectual</li> </ul>	□ How the factors may increase the risk  To include: □ How the effects can impact on everyday
<ul> <li>□ Family circumstances</li> <li>□ Physical health</li> <li>□ Relationships</li> <li>□ Severe or long term stress</li> <li>□ Social disadvantage</li> <li>● Education and/or employment</li> <li>● Homelessness or poor housing</li> <li>● Poverty or debt</li> <li>□ Social isolation or loneliness</li> <li>□ Substance misuse</li> <li>2.4 Effects of mental health conditions</li> <li>□ Physical</li> <li>□ Intellectual</li> <li>□ Emotional</li> </ul>	□ How the factors may increase the risk  To include: □ How the effects can impact on everyday life for the individual
<ul> <li>□ Family circumstances</li> <li>□ Physical health</li> <li>□ Relationships</li> <li>□ Severe or long term stress</li> <li>□ Social disadvantage</li> <li>■ Education and/or employment</li> <li>■ Homelessness or poor housing</li> <li>■ Poverty or debt</li> <li>□ Social isolation or loneliness</li> <li>□ Substance misuse</li> <li>2.4 Effects of mental health conditions</li> <li>□ Physical</li> <li>□ Intellectual</li> </ul>	□ How the factors may increase the risk  To include: □ How the effects can impact on everyday

Voluntary

Mental health services in each type of provision

- □ Local
- National

- part of relevant legislation, for example, NHS or local authority services. They should be free at the point of use
- Private provision; hospitals/clinics are paid for services
- Charitable provision; means registered, non-profit organisations established to support mental health
- Voluntary provision; may or may not be linked to charities and can range from large national organisations to small/informal local peer support groups

 Psychological therapists – this may include child psychotherapists, family psychotherapists, play therapists and

creative art therapists

OCR Level 3 Alternative Academic Qualification Cambridg	e Advanced Nationals in Health and Social Care
3.4 Legislation and individual rights relating Mental Health Act 2007  Mental Capacity Act 2022 (LPS)	<ul> <li>□ Primary mental health workers</li> <li>□ Education mental health practitioners – who work in mental health support teams in schools and colleges</li> <li>□ Children's wellbeing practitioners</li> <li>□ Specialist substance misuse workers</li> <li>ng to mental health</li> <li>To include:</li> <li>□ Know main features of each act</li> <li>□ Know that mental health act supports those with mental health disorder and capacity</li> <li>□ Know that mental capacity act supports those with mental health disorder and lack of capacity</li> <li>□ What is meant by being sectioned</li> <li>□ What is meant by choice of care</li> <li>□ How legislation supports individuals who need treatment and support for mental</li> </ul>
	health conditions
Topic Area 4: Treatment and support for m	
Teaching content	Exemplification
4.1 Types of treatment and support and hor ☐ Treatments	Examples of <b>treatments</b> may include:
Medication     Talking treatments     Social prescribing     ECT     Therapies     Complementary therapies     Creative therapies     Alternative therapies	<ul> <li>Medication <ul> <li>Antidepressants</li> <li>Antipsychotics</li> <li>Minor tranquilisers</li> <li>Mood stabilisers</li> </ul> </li> <li>Talking treatments <ul> <li>Counselling</li> <li>Cognitive behaviour therapy</li> <li>Couples therapy</li> <li>Interpersonal therapy</li> <li>Guided self-help</li> </ul> </li> <li>Social prescribing <ul> <li>Access to local non-clinical services to support mental health, such as volunteering or community groups</li> <li>ECT (electroconvulsive therapy)</li> </ul> </li> <li>Examples of complementary therapies may include: <ul> <li>Acupuncture</li> <li>Aromatherapy</li> <li>Hypnotherapy</li> <li>Light therapy</li> <li>Massage</li> <li>Meditation/Mindfulness</li> <li>Pet therapy</li> <li>Yoga</li> </ul> </li> <li>Examples of creative therapies may</li> </ul>
	include  Art therapy

OCR Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Health and Social Care		
	<ul><li>□ Dance therapy</li><li>□ Drama therapy</li></ul>	
	<ul><li>☐ Music therapy</li><li>☐ Play therapy</li></ul>	
	Examples of <b>alternative therapies</b> may include:	
	<ul><li>☐ Homeopathy</li><li>☐ Herbal medicine</li></ul>	
	□ CBD oil	
	<ul> <li>There may be some overlap between treatments and complementary and alternative therapies</li> </ul>	
4.2 Factors affecting access to treatment a	nd support	
□ Access to and availability of mental	To include:	
health services	□ Factors can have a positive influence or	
Cost	be a barrier to treatment and support	
<ul> <li>Complexity of working with different</li> </ul>	□ Availability of services locally and	
services	nationally	
<ul> <li>Mental health service provision in the area</li> <li>Waiting times/list/difficulty getting</li> </ul>	<ul> <li>How factors affecting treatment and support would apply to different mental health conditions (Topic Area 2.1) and</li> </ul>	
appointments/referrals/diagnoses  ☐ The individual needing support:	individual factors (Topic Area 2.3)  □ Difficulty of sustaining treatment in the	
Acceptance/willingness to get help	long term	
Lifestyle	□ How support needed from family/friends	
Underlying physical health	applies to all the factors	
□ Sustaining treatment		
Duration of treatment		
<ul> <li>Frequency of appointments</li> </ul>		
Motivation to continue		
□ Support needed from family/friends		
4.3 Person-centred approaches to support	people with mental health conditions	
□ Promote privacy	To include:	
□ Dignity	□ How a person-centred approach can be	
□ Respect	applied when considering types of	
□ Empathy	support for people with mental health	
□ Individualised care	conditions	
□ Compassion		
□ Consistency □ Advocacy		
□ Advocacy		

### **Assessment criteria**

**Section 6.4** provides full information on how to assess the NEA units and apply the assessment criteria.

These are the assessment criteria for the tasks for this unit. The assessment criteria indicate what is required in each task. Students' work must show that all aspects of a criterion have been met in sufficient detail for it to be **successfully achieved** (see **Section 6.4.1**). If a student's work does not fully meet a criterion, you must not award that criterion.

The command words used in the assessment criteria are defined in **Appendix B**.

Pass	Merit	Distinction
P1: Compare how definitions of mental health from relevant organisations apply to the individual.	M1: Discuss positive and negative views of mental health issues based on your own research.	D1: Evaluate how different views of mental health may impact on the individual.
<b>P2</b> : <b>Describe two</b> examples of positive views of mental health and how they relate to the individual.		
P3: Summarise what mental health conditions could be affecting the individual.	<b>M2</b> : <b>Justify</b> why <b>one</b> of the mental health conditions from P3 is the most likely to be affecting the individual.	D2: Analyse the possible impacts of the individual's mental health condition on their family and/or friends in
P4: Describe the most common signs and symptoms of the mental health conditions from P3.	<b>M3</b> : <b>Examine</b> possible effects of the condition on the individual in relation to PIESF.	relation to <b>three</b> areas of PIESF.
P5: Identify factors in the case study which may increase the risk of the mental health conditions from P3.	<b>M4</b> : <b>Explain</b> how the individual's signs and symptoms might develop if the condition worsens.	
P6: Describe one appropriate mental health service to support the individual from each of: • Statutory • Private • Charitable • Voluntary and how they can be accessed. P7: Explain the roles of three different mental health practitioners who could work with the individual in relation to their condition(s). P8: Summarise how legislation supports the individual.	M5: Recommend two of the mental health services from P6 to support the individual.	D3: Evaluate local mental health service provision for the individual's condition.
P9: Describe three possible treatments for the individual. P10: Describe two suitable therapies for the individual.  P11: Assess two potential	<b>M6</b> : <b>Analyse</b> the suitability of the <b>three</b> treatments from P9 for the individual.	D4: Discuss how support from other people can help the individual to get the treatment and support they need.
P11: Assess two potential barriers to the individual accessing treatments from P9.  P12: Assess two potential barriers to the individual accessing therapies from P10.	M7: Recommend one of the therapies from P10 for the individual.	<b>D5</b> : <b>Explain</b> how your advice reflects a person-centred approach to supporting the individual.

# Assessment guidance

This assessment guidance gives you information relating to the assessment criteria. There might not be additional assessment guidance for each assessment criterion. It is included only where it is needed.

Assessment Criteria	Assessment guidance
Task 1 General	<ul> <li>Where criteria refer to 'the individual' this relates to the individual in the chosen case study.</li> <li>The research element of the task does not need to be completed under teacher supervised conditions but it is necessary in order for students to access the criteria.</li> </ul>
P1	<ul> <li>Students must compare how mental health is defined by at least two relevant organisations and consider how these definitions apply to the individual from the chosen case study.</li> </ul>
P2	<ul> <li>The examples could include media coverage of relevant conditions or issues, role models who have talked about mental health, or the work of organisations such as WHO, MIND, the NHS or others who have developed campaigns or initiatives.</li> <li>The descriptions must include how the examples are relevant to the individual from the chosen case study.</li> </ul>
M1	<ul> <li>Students must present an in-depth written discussion of both positive and negative views based on their own research.</li> <li>In the context of the advice pack and case study, the discussion aims to raise awareness for the individual and their family/friends of the views and perceptions of mental health which they may encounter.</li> </ul>
D1	<ul> <li>The evaluation could be about how the individual and those around them view mental health issues, and how this could impact on the individual.</li> </ul>
Task 2 General	<ul> <li>Where criteria refer to 'the individual' this relates to the individual in the chosen case study.</li> <li>Students must explore options in terms of possible mental health conditions which could be affecting the individual in P3, P4 and P5.</li> <li>In M2 they decide which one condition is in their view the most likely, and then focus their work on this in M3, M4 and D2 and moving forwards through Tasks 3 and 4.</li> <li>The research element of the task does not need to be completed under teacher supervised conditions but it is necessary in order for students to access the criteria.</li> </ul>
P3	Students must research based on the case study information and summarise what different conditions the individual may potentially be experiencing, applying their learning about types of mental health conditions and examples of these.
P4	Students describe the most common signs and symptoms associated with the mental health conditions they summarise in P3. Some may be exemplified in the case study notes provided, while others may be drawn from the students' own research about the conditions.
P5	Students link the case study information for the individual back to factors which may increase the risk of mental health conditions (Topic Area 2.3).

	Otrodonto irratifo coloino condition forma DO in mont librato to be effective.
	Students justify which condition from P3 is most likely to be affecting
M2	the individual. This could involve drawing on P4 and P5 and
	considering possible signs and symptoms and contextual information in
	relation to the case study.
	Students must consider in detail how the condition could impact the
M3	individual, covering all areas of PIESF. They must include <b>one</b> impact
	for <b>each</b> of Physical, Intellectual, Emotional, Social and Financial.
	Students must explain how a development of the condition might look if
M4	the condition gets worse, such as increases in the number, frequency
	and/or severity of signs and symptoms.
	Students need to analyse how the individual's family and/or friends
	may be affected by the mental health condition justified in M2. Students
D2	must cover <b>three</b> areas of PIESF from the point of view of family and/or
DZ	friends in their analysis and make links between the individual, their
	condition and behaviour, and the likely impact on their family and/or
	friends.
Task 3	Where criteria refer to 'the individual' this relates to the individual in the
General	chosen case study.
	Where 'local' is referred to, this can refer to the student's town or city
	but could be expanded to consider the county or region if relevant
	information can only be found at that level.
	The research element of the task does not need to be completed under
	teacher supervised conditions but it is necessary in order for students
	to access the criteria.
P6	Students must include the referral process (Topic Area 3.2) in their
	descriptions of how each service is accessed.
	To achieve this criterion students must describe <b>one</b> from <b>each</b> of <b>all</b>
	<b>four</b> types of mental health services listed.
	Where possible students are advised to choose <b>three</b> practitioners
P7	related to the services identified in P6.
50	For P8 students must summarise how relevant legislation (Topic Area
P8	3.4) supports the individual.
	Students must provide a clear recommendation for why <b>two</b> of the
	services and professionals identified in P6 are most appropriate for the
M5	individual, linking this to the conditions identified.
	This could also build upon P7 in terms of how the roles might be
	particularly suitable or helpful given the circumstances of the individual.
	Students need to reflect on the level of provision available locally and
	make judgements about how sufficient or not this is for the needs of the
	individual considering their condition and other circumstances.
D3	<ul> <li>This could relate back to P6, P7 and M5 in terms of whether potentially</li> </ul>
	beneficial services and practitioners can be accessed near the local
	area or not.
Task 4	Where criteria refer to 'the individual' this relates to the individual in the
General	chosen case study.
Jonordi	
	I he research element of the task does not need to be completed under teacher supervised conditions but it is necessary in order for students
	to access the criteria.
	Students must describe <b>three</b> possible treatments for the condition
	· ·
P9	covering at least <b>two different types</b> (for example two different medications and one other from a different 'type' of treatment to
ן ויש	medications and one other from a different type of treatment to medication from Topic Area 4.1).
M6	Students need to provide relevant points for and against the different treatments (in P0) in relation to their suitability for the individual.
	treatments (in P9) in relation to their suitability for the individual.

	Students must describe <b>two</b> different therapies for the condition.
P10	This can be two complementary therapies, two alternative therapies, or one of each.
P11, P12	<ul> <li>Students must consider which factors could be barriers to the individual getting treatments and therapies covered in P9 and P10 (Topic Area 4.2).</li> <li>It is acceptable if the same barrier relates to both treatment and therapy, but students need to present their reasons as to why it is a barrier for both.</li> </ul>
M7	• Students must consider in detail which of the therapies from those described in P10 would be best for the individual and recommend <b>one</b> , saying why it would be most appropriate.
D4	<ul> <li>Students must consider the support the individual may need from other people to help them to get the treatment and support they need.</li> <li>This could be family and/or friends, but may involve other sources of individual support, for example through local support groups or charities referred to in Topic Area 3.</li> <li>They must also discuss the challenges around sustaining treatment over time and provide advice and information about sources of support which could help the individual to maintain this longer-term.</li> <li>This could be applied to the specific treatments and therapies considered in Topic Area 4 but also applied more broadly such as to services and referrals in Topic Area 3.</li> </ul>
D5	<ul> <li>Students must give a written explanation of how they have applied their knowledge of person-centred approaches when producing the advice pack.</li> </ul>

Some of the knowledge, understanding and skills needed to complete this unit will draw on the learning in Unit F090

This table details the synoptic links.

Unit F093: Supporting people with mental health conditions		Unit F090: Principles of health and social care	
Topic Area		Topic Are	ea
1	Definitions and views of mental health	1	Equality, diversity, and rights in health and social care settings
3	Provision of mental health services	3	Legislation in health and social care settings
		4	Best practice in health and social care settings
4	Treatment and support for mental health conditions	1	Equality, diversity, and rights in health and social care settings
		4	Best practice in health and social care settings

### 4.3.3 Unit F094: Supporting people with long term physiological conditions

#### **Unit Aim**

The human body is a complex machine performing many functions every day. Like any machine it can malfunction, possibly because of an inherent genetic condition, or because of an infection or lifestyle choice. The malfunction could also simply be a result of the natural ageing process. These malfunctions can be referred to as physiological conditions; some will have little impact on daily life or lifespan, whilst others may result in dramatic life changes.

In this unit you will learn about the different types of long term physiological conditions, how these are caused and the daily and long term effects on individuals. In addition, you will develop an understanding of the different methods of monitoring these conditions as well as treatments. You will have the opportunity to conduct your own research and gather data on services in your local area; this data will be used to present your ideas on the effectiveness of the local services. The skills you develop conducting and interpreting your research will be independent learning, referencing, time management and critical thinking.

Unit F094: Supporting people with long term physiological conditions		
Topic Area 1: Long term physiological conditions		
Teaching content	Exemplification	
1.1 Types of long term physiological conditions		
<ul> <li>Neurological conditions</li> <li>Degenerative conditions</li> <li>Autoimmune conditions</li> <li>Genetic conditions</li> <li>How long term physiological conditions are linked to body systems:         <ul> <li>Body system(s) they are most directly linked to</li> <li>Other body systems which may be affected, either directly or indirectly</li> </ul> </li> </ul>	Examples of types of long term physiological conditions may include:  Neurological conditions: Alzheimer's, Motor Neurone Disease (MND), Parkinson's Disease, Epilepsies, Myalgic Encephalomyelitis (ME)  Degenerative conditions: Multiple Sclerosis, Emphysema (a form of COPD – Chronic Obstructive Pulmonary Disease) Autoimmune conditions: Rheumatoid arthritis, Type 1 Diabetes  Genetic conditions: Cystic Fibrosis, Sickle Cell Anaemia	
	<ul> <li>Conditions listed could fit into more than one of the types</li> <li>Examples of how long term physiological conditions are linked to body systems may include:         <ul> <li>Alzheimer's linked to the brain and nervous system</li> <li>Rheumatoid arthritis linked to the skeletal system</li> <li>Cystic Fibrosis linked to the respiratory, digestive system and reproductive systems</li> </ul> </li> </ul>	
1.2 Causes of long term physiological conditions		
□ Lifestyle □ Genetics • Hereditary • Predisposition □ Occupational □ Physiological changes	Examples of causes of long term physiological conditions may include:  Lifestyle: for example, how smoking links to emphysema Lifestyle factors may include:  Smoking Lack of Exercise Alcohol Drugs	

	<ul> <li>Sexual activity</li> </ul>
	□ <b>Hereditary</b> : for example, how genetics link
	to Cystic Fibrosis and Sickle Cell Anaemia
	genetics link to diabetes and rheumatoid
	arthritis
	□ Occupational: for example, how poor air
	quality at work links to emphysema
	<ul> <li>Physiological changes: for example, how</li> </ul>
	an autoimmune response links to
	rheumatoid arthritis
1.3 Signs and symptoms of long term phys	iological conditions
□ Observable signs of the conditions	To include:
	_ · · · · · · · · · · · · · · · · · · ·
individuals with the long term condition	body systems
□ How signs and symptoms progress over	□ How signs and symptoms affect body
time	function
Topic Area 2: Monitoring and treatment	
Teaching content	Exemplification
2.1 Monitoring	
□ What each monitoring method involves	Examples of <b>monitoring</b> may include:
□ Which long term conditions each	□ Clinical observation
monitoring method can be used for	□ Body fluids tests
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☐ The advantages and disadvantages of	□ X rays
each of the methods of monitoring for:	□ CAT/MRI/CT scans
The service	□ Ultrasound
The patient	□ Endoscopy
The medical condition	□ Neurological assessment
	□ Cognitive assessments
	□ Spirometry
	□ Lung (Pulmonary) function tests
	□ Beck Depression Inventory (BDI)
	□ Sweat tests
	☐ Prostate Specific Antigens (PSA) levels
	Prostate Specific Antigens (PSA) levels
	Does not include:
	□ Specifics on how each monitoring method
	is carried out
2.2 Treatment	
□ Different types of treatment:	Examples of <b>treatment</b> may include:
Medical	□ Medical:
Therapies	<ul> <li>Drug therapy</li> </ul>
Lifestyle changes	Surgery
The advisor of the discourse of	Radiotherapy
treatment methods for:	• Naciotile apy
u cauticiti iticilious tot.	
l	Chemotherapy
The service	<ul><li>Chemotherapy</li><li>Stem cells</li></ul>
<ul><li>The service</li><li>The patient</li></ul>	Chemotherapy
	<ul><li>Chemotherapy</li><li>Stem cells</li><li>Therapies</li></ul>
The patient	<ul> <li>Chemotherapy</li> <li>Stem cells</li> <li>Therapies</li> <li>Physiotherapy</li> </ul>
The patient	<ul> <li>Chemotherapy</li> <li>Stem cells</li> <li>Therapies</li> <li>Physiotherapy</li> <li>Complementary (alternative) therapy</li> </ul>
The patient	<ul> <li>Chemotherapy</li> <li>Stem cells</li> <li>Therapies</li> <li>Physiotherapy</li> <li>Complementary (alternative) therapy</li> <li>Occupational therapy</li> </ul>
The patient	<ul> <li>Chemotherapy</li> <li>Stem cells</li> <li>Therapies</li> <li>Physiotherapy</li> <li>Complementary (alternative) therapy</li> <li>Occupational therapy</li> <li>Counselling</li> </ul>
The patient	<ul> <li>Chemotherapy</li> <li>Stem cells</li> <li>Therapies</li> <li>Physiotherapy</li> <li>Complementary (alternative) therapy</li> <li>Occupational therapy</li> <li>Counselling</li> <li>Lifestyle changes</li> </ul>
The patient	<ul> <li>Chemotherapy</li> <li>Stem cells</li> <li>Therapies</li> <li>Physiotherapy</li> <li>Complementary (alternative) therapy</li> <li>Occupational therapy</li> <li>Counselling</li> </ul>

2.3 Barriers to accessing treatment	
□ Attitudes	To include:
□ Cultural	□ The impact that these barriers have on
□ Financial	individuals
□ Language and communication	□ How barriers to treatment can cause
□ Mobility	inequality
□ Occupational	□ How to overcome barriers
□ Regional differences in services and	
provision	
□ Resource availability	
□ Travel	
2.4 Future developments for the condition	
<ul> <li>Advances in understanding the condition,</li> </ul>	To include:
treatment and monitoring	<ul> <li>How the advances could impact on the</li> </ul>
	understanding and/or treatment of the
	condition in the future
	Examples of advances in understanding
	the condition, treatment and monitoring of
	conditions:
	□ Clinical trials
	□ Research, such as, research carried out by
	different organisations (the NHS, drug
	companies)
Topic Area 3: Impact of long term condition	
Teaching content	Exemplification
3.1 Daily impacts	
□ Daily impacts on	To include:
<ul><li>Daily impacts on</li><li>Dressing</li></ul>	<ul> <li>The daily impacts of the condition on</li> </ul>
<ul><li>Daily impacts on</li><li>Dressing</li><li>Emotional impact</li></ul>	<ul> <li>The daily impacts of the condition on individuals in different life stages:</li> </ul>
<ul> <li>Daily impacts on</li> <li>Dressing</li> <li>Emotional impact</li> <li>Finance</li> </ul>	<ul> <li>The daily impacts of the condition on individuals in different life stages:</li> <li>4-10 years (childhood)</li> </ul>
<ul> <li>Daily impacts on</li> <li>Dressing</li> <li>Emotional impact</li> <li>Finance</li> <li>Mobility</li> </ul>	<ul> <li>The daily impacts of the condition on individuals in different life stages:</li> <li>4-10 years (childhood)</li> <li>11-18 years (adolescence)</li> </ul>
<ul> <li>Daily impacts on</li> <li>Dressing</li> <li>Emotional impact</li> <li>Finance</li> <li>Mobility</li> <li>Self-neglect</li> </ul>	<ul> <li>The daily impacts of the condition on individuals in different life stages:</li> <li>4-10 years (childhood)</li> <li>11-18 years (adolescence)</li> <li>19-45 years (young adulthood)</li> </ul>
<ul> <li>Daily impacts on</li> <li>Dressing</li> <li>Emotional impact</li> <li>Finance</li> <li>Mobility</li> </ul>	<ul> <li>The daily impacts of the condition on individuals in different life stages:</li> <li>4-10 years (childhood)</li> <li>11-18 years (adolescence)</li> <li>19-45 years (young adulthood)</li> <li>46-65 years (middle adulthood)</li> </ul>
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<ul> <li>Daily impacts on</li> <li>Dressing</li> <li>Emotional impact</li> <li>Finance</li> <li>Mobility</li> <li>Self-neglect</li> <li>Shopping</li> <li>Speech</li> </ul>	<ul> <li>The daily impacts of the condition on individuals in different life stages:</li> <li>4-10 years (childhood)</li> <li>11-18 years (adolescence)</li> <li>19-45 years (young adulthood)</li> <li>46-65 years (middle adulthood)</li> </ul>
<ul> <li>Daily impacts on</li> <li>Dressing</li> <li>Emotional impact</li> <li>Finance</li> <li>Mobility</li> <li>Self-neglect</li> <li>Shopping</li> <li>Speech</li> <li>Social interaction</li> </ul>	<ul> <li>The daily impacts of the condition on individuals in different life stages:</li> <li>4-10 years (childhood)</li> <li>11-18 years (adolescence)</li> <li>19-45 years (young adulthood)</li> <li>46-65 years (middle adulthood)</li> </ul>
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Topic Area 4: Support individuals to plan their care and support		
Exemplification		
<b>4.1 Service provision</b> □ Primary care		
To include:  ☐ The service provision that is available for long term conditions ☐ The suitability and effectiveness of local service provision ☐ The role of third sector groups ☐ The role of domiciliary care agencies and how they can work with other sectors and service providers		
Examples of <b>primary care</b> may include:  General Practitioner (GP) Surgeries Health centres Pharmacies A and E		
Examples of <b>secondary care</b> may include:  □ Hospitals □ Social services		
Examples of <b>private health care</b> may include:  GP Hospitals Counselling Complementary and alternative therapies - acupuncture/chiropodist  Examples of <b>third sector</b> may include: Support groups Registered charities Associations		
□ Self-help groups		
□ Community groups		
Examples of <b>practitioners</b> may include:  GP's Health visitors Diabetes nurses Practice nurses Physiotherapists Speech and language therapists Dieticians Complementary and alternative therapists Occupational therapists Pharmacists Counsellors Social workers Domiciliary care workers		

4.3 NICE Guidelines to support individuals	
<ul> <li>NICE guidelines for specific long term</li> </ul>	To include:
physiological conditions	□ Identification of relevant National Institute
<ul> <li>The impact of NICE guidelines for specific long term physiological conditions</li> </ul>	for Health and Care Excellence (NICE) quidelines
□ How the NICE guidelines are put into practice	□ The impact that the guidelines have on supporting people with a specified long term physiological condition

#### Assessment criteria

**Section 6.4** provides full information on how to assess the NEA units and apply the assessment criteria.

These are the assessment criteria for the tasks for this unit. The assessment criteria indicate what is required in each task. Students' work must show that all aspects of a criterion have been met in sufficient detail for it to be **successfully achieved** (see **Section 6.4.1**). If a student's work does not fully meet a criterion, you must not award that criterion.

The command words used in the assessment criteria are defined in **Appendix B**.

Pass	Merit	Distinction
P1: Describe how the condition affects one body system.	M1: Assess how the condition can affect the body system over time.	D1: Explain how the condition could affect other body systems.
P2: Describe the known causes of the condition.		
<b>P3</b> : <b>Describe</b> the signs and symptoms of the condition and how they progress over time.		
P4: Explain how the condition would be monitored.	<b>M2</b> : <b>Analyse</b> the monitoring and/or treatment method(s) for the condition.	D2: Discuss current research into the condition and how it could impact on
P5: Explain how the condition would be treated.		the understanding and/or treatment of the condition in the future.
P6: Describe three barriers to accessing monitoring and/or treatment for the condition.	M3: Assess how the barriers to accessing monitoring and/or treatment for the condition (from P6) can cause inequality.	D3: Recommend how the barriers to accessing monitoring and/or treatment for the condition (from M3) can be overcome.
P7: Describe the daily impacts of the condition on the individual from the chosen person profile.  P8: Explain the long term impacts of the condition on the individual from the chosen person profile.	M4: Summarise how the daily and long term impacts could affect the quality of life of the individual from the chosen person profile.	<b>D4: Assess</b> the impacts the condition could have on the family and/or friends of the individual from the chosen person profile.
P9: Summarise the available local primary and secondary service provision that can support individuals with the condition.	M5: Summarise the available local third sector organisations that support individuals with the condition.	D5: Assess the effectiveness of the local provision in meeting the needs of individuals with the condition.

P10: Summarise the available local private service provision that can support individuals with the condition.	
P11: Describe the roles of three practitioners in the	M6: Explain how the practitioners (from P11) can
local services (from P9 and/or P10).	support individuals with the condition.
P12: Summarise two recommendations from the specified section of the NICE guidelines about the condition.	M7: Explain how the local service provision meets the NICE recommendations from P12.

# Assessment guidance

This assessment guidance gives you information relating to the assessment criteria. There might not be additional assessment guidance for each assessment criterion. It is included only where it is needed.

Assessment Criteria	Assessment guidance
Task 1 General	<ul> <li>Students must use the same condition for the whole of this assignment.</li> <li>The research element of the task does not need to be completed under teacher supervised conditions but it is necessary in order for students to access the criteria.</li> </ul>
P1	The body system chosen must be directly linked to the condition.
P3	Students must describe the main signs and symptoms linked to the condition, both immediate and over time.
M1	• Students can consider how <b>one</b> body system is affected through the different life stages, if appropriate or through the months/years that an individual has the condition. This must be the body system used in P1.
D1	The number of other body systems affected will depend on the condition itself, but students need to include the key effects on other body systems holistically in order to achieve this criterion. The effects on other body systems can be direct or indirect, e.g. the condition doesn't directly damage the musculoskeletal system but does make you more sedentary, which then affects the musculoskeletal system.
Task 2 General	The research element of the task does not need to be completed under teacher supervised conditions but it is necessary in order for students to access the criteria.
P4, P5, M2	<ul> <li>The number of monitoring and treatment methods will depend on the condition itself but students must include the key methods most commonly used for the condition.</li> <li>For P4, if a condition has no specific monitoring method(s) then students must explain why the condition is not monitored. Where this is the case, evidence for M2 can focus on analysis treatment methods only.</li> <li>For M2, analysis of monitoring and/or treatment methods must consider the pros and cons of the methods covered in P4 and P5.</li> </ul>
D2	<ul> <li>Students must explore current research for the condition in the set assignment, giving an overview of how the research could impact the understanding and treatment of the condition in the future. Scientific detail is not needed.</li> </ul>

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P6	<ul> <li>Students must choose three barriers from Topic Area 2.3.</li> <li>P6, M3 and D3 are linked; students need to be mindful of this when selecting barriers for P6 and aim to select barriers that will help them to access M3 and D3.</li> </ul>
D3	• To achieve this criterion, students must cover all <b>three</b> barriers from P6.
Task 3 General	The research element of the task does not need to be completed under teacher supervised conditions but it is necessary in order for students to access the criteria.
P7, P8, M4 and D4	<ul> <li>Students must use the information given in the person profile as a basis to create their case study. For example for P7, their case study needs to illustrate the likely impacts of the condition on the individual's daily life, using what is known about them from their person profile. Students use their research and can make assumptions about the individual based on what they know from the person profile to build up a picture of how the condition will affect them in aspects such as their work, hobbies, family life etc</li> </ul>
M4	Students must summarise how the likely daily and long term impacts could affect the individual's quality of life. This could be approached through the different life stages or a period of time within one life stage.
Task 4 General	<ul> <li>Where 'local' is referred to, this can refer to the student's town or city but could be expanded to consider the county or region if relevant information can only be found at that level.</li> <li>Students must be given enough time to complete research on the service provision and practitioners in their local area, in order to gather</li> </ul>
	<ul> <li>relevant data to support their work to meet these criteria.</li> <li>The research element of the task does not need to be completed under teacher supervised conditions.</li> </ul>
P11	Students must describe the roles of any <b>three</b> practitioners from the services identified in P9 and/or P10 that individuals with the condition could access. They must describe what each practitioner does and identify service(s) they work in.
P12	Students must research and summarise <b>two</b> recommendations from the specified section of the NICE guidelines on their chosen condition.
M7	Students must cover all <b>three</b> of the recommendations from P12 to achieve this criterion.
D5	Students will need to assess how effective the local provision is in supporting individuals with the condition. If it is effective, they will need to explain why it is effective. If there are areas that are ineffective, then they need to explain why they are ineffective.

Some of the knowledge, understanding and skills needed to complete this unit will draw on the learning in Unit F090 and F091.

These tables detail the synoptic links.

Unit F094: Supporting people with long term physiological conditions		Unit F09	00: Principles of health and social care
Topic Area  2 Monitoring and treatment		Topic A	rea Equality, diversity, and rights in health and social care settings
3	Impact of long term conditions	1	Equality, diversity, and rights in health and social care settings

Unit F094: Supporting people with long term physiological conditions		Unit F091 and socia	: Anatomy and physiology for health
Topic Area		Topic Area	
1	Long term physiological conditions	1	Cardiovascular system
		2	Respiratory system
		3	Digestive system
		4	Musculoskeletal system
		5	Control and regulatory systems
		6	Reproductive system

### 4.3.4 Unit F095: Investigating public health

#### **Unit Aim**

Public health is generally an area for exploration and analysis, but it's also a chance for action. Public health is tackling the health and wellbeing of an entire population. It aims to prevent crises from happening, where possible, and prepares society for obstacles that are inevitable. Therefore, we need to appreciate the whole population.

In this unit you will learn about current public health challenges and reasons why a healthy society is vital. You will then research a public health challenge and propose an approach to improve health and protect the public. You will consider your approach, how it will be resourced, implemented and monitored to improve the targeted area of public health.

Topic Area 1: Understanding public health  Teaching content  1.1 The aims of public health  1.1.1 What public health is  Definitions of public health  Public Health England  Public Health England
1.1 The aims of public health  1.1.1 What public health is  □ Definitions of public health  □ Public Health England  1.1 The aims of public health  Examples of definitions of public health  may include those from:  □ Public Health England
1.1.1 What public health isExamples of definitions of public health□ Definitions of public healthmay include those from:□ Public Health England
<ul><li>□ Definitions of public health</li><li>□ Public Health England</li></ul>
□ Public Health England
□ Department for Health and Social Care:
UKHSA
Office for Health Improvement and
Disparities
□ The NHS
□ Royal College of Nursing
□ Centers for Disease Control and
Prevention (CDC)
□ World Federation of Public Health
Associations  Associations
<b>1.1.2 The aims of public health</b> □ Protection Examples of <b>aims of public health</b> may include:
□ Prevention □ Protection: control of communicable diseases, protect society from
environmental threats
□ <b>Prevention</b> : reduce the causes of ill
health, understand the health conditions of
a population
□ <b>Promotion</b> : promote healthy behaviours,
improve mental and physical health,
prolong life
1.2 The benefits of public health on society
□ Public safety Examples of the benefits of public health
□ Improving health may include:
□ Addressing health inequalities □ Public safety: protecting populations from
□ Economic Prosperity health risks linked to outbreak of serious
diseases or exposure to environmental
hazards
□ Improving health: individuals should be
healthier and more independent if
educated/encouraged/protected, healthier
individuals should live longer  □ Addressing health inequalities: reducing
the differences in health outcomes
between different groups and populations

□ Underlying health (of individuals)	<ul> <li>□ Advertising/media: promoting unhealthy products on TV and social media</li> <li>□ Cost/income: expense of gym membership, healthy foods, treatment/holistic therapies</li> <li>□ Culture: language barrier, ethnocentrism, conflicting values, stereotyping and psychological barriers</li> <li>□ Disability: both physical and mental</li> <li>□ Support available: friends and family, role models, health professionals</li> <li>□ Lifestyle choices: alcohol, balanced diet, exercise, unprotected sex, personal hygiene, using sun protection, smoking and self-help</li> <li>□ Location: north or south; rural or inner-</li> </ul>
	<ul> <li>city; housing estate or suburb</li> <li>Peer pressure: at school, work, home, community</li> <li>Socio-economic: disposable income, employment, debts, literacy, qualifications, culture</li> <li>Underlying health (physical and mental):</li> </ul>
	illness, stress, anxiety, and genetics
Topic Area 2: Responding to public health	
Teaching content	Exemplification
<ul><li>2.1 Current strategies to improve public he</li><li>Current strategies</li></ul>	Examples of current strategies may include:
<ul> <li>Environmental protection</li> <li>Government initiatives</li> <li>Health promotion</li> <li>Health screening</li> <li>Immunisation and vaccination</li> <li>National campaigns</li> </ul>	<ul> <li>Environmental protection: clean air, waste disposal, stable climate, adequate water, food preparation and sale, sanitation and hygiene, safe use of chemicals, protection from radiation</li> <li>Government initiatives: The Cold Weather Plan, Health Matters: getting every adult active every day</li> <li>Health promotion: Dry January, Time to</li> </ul>
<ul> <li>How current strategies relate to the aims in Topic Area 1.1.2</li> <li>Protection</li> <li>Promotion</li> <li>Prevention</li> </ul>	Talk Day, No Smoking Day  Health screening: cancer screenings, sexual transmitted infection screenings, pregnancy screenings, diabetic screening, screening for different life stages  Immunisation and vaccination: any vaccinations recommended at each life

# 2.2 Approaches to addressing public health challenges

- Behaviour change models
- How behaviour change models can be used when addressing public health challenges

- Approaches to influencing behaviour change
  - Medical/preventative
  - Social change
  - Educational
  - Fear

- Approaches to communicating about public health
  - Two-way communication
  - Social marketing approach
  - Community centred approach

Examples of **behaviour change models** may include:

- Health belief model: avoiding illness by a specific health action such as health screening
- Theory of planned behaviour: (theory of reasoned action) predicting an individual's intention to engage at a specific time /place such as explaining behaviours associated with smoking, drinking, breastfeeding
- Diffusion of innovative theory: adopting a new idea or behaviour over time, for example, healthy eating
- Social cognitive model: (social learning theory) such as building healthy behaviours and relationships
- □ **Transtheoretical model:** (stages of change) decision making of the individual such as deciding to quit smoking
- Social norms theory: understanding environmental and influential influences to change behaviour such as driving under the influence and tobacco use

To include:

- Approaches to influencing behaviour change:
  - Different approaches that can be used to influence behaviour change when addressing public health challenges
  - Why different approaches are appropriate for different challenges. For example, when and why making people fearful of the consequences of not changing behaviour might be appropriate

Examples of approaches to **communicating about public health** may include:

- □ **Two-way communication**: for example, a voluntary organisation promoting a health message in school such as anti-drugs
- Social marketing approach: inspiring social change by advertising a behaviour or lifestyle change (influence, plan and effect social change) such as quitting smoking, healthy diet and exercise, safe driving, mental health awareness, breastfeeding
- Community centred approach:
   consulting with the public about
   contributing to the health and wellbeing of
   the community to increase the quality of
   life in the local area

2.3 Public health organisations and their roles			
□ Local	Examples of public health organisations may		
□ National	include:		
□ International	□ Local:		
	Local authorities		
	Local health services		
	Local charities		
	□ National:		
	National Health Service (NHS)		
	Government Health Agencies:		
	<ul> <li>UK Health Security Agency (UKHSA)</li> </ul>		
	Office for Health Improvement and		
	Disparities (OHID)		
	<ul> <li>National Institute for Health and</li> </ul>		
	Clinical Excellence (NICE),		
	<ul> <li>Public Health Agency (PHA),</li> </ul>		
	Third sector (national charities)		
	<ul> <li>Royal Society for Public Health</li> </ul>		
	(RSPH)		
	<ul> <li>UK Public Health Association</li> </ul>		
	(UKPHA)		
	□ International:		
	World Health Organisation (WHO)		
	Centers for Disease Control and		
	Prevention (CDC)		
2.4 Settings and practitioners involved in p			
□ Public health settings	Examples of settings and practitioners		
Employment settings	involved in public health may include:		
Education	□ Employment settings: any place of work		
Health	where more than one person works in the		
Social	organisation		
	Practitioners: occupational health		
□ Practitioners that work in public health	□ <b>Education</b> : any academic setting		
settings	Practitioners: teachers, school nurses,		
	counsellors		
	□ <b>Health</b> : any healthcare setting		
	Practitioners: GPs, dental nurses, nurses,		
	health visitors		
	□ <b>Social</b> : any social care setting		
	Practitioners: social workers, care home		
	managers, probation officers, youth		
	workers		
Topic Area 3: Proposing how to address a			
Teaching content	Exemplification		
3.1 Design principles for public health prop			
□ Establishing the public health challenge to	Examples of <b>design principles</b> may include:		
be addressed	□ Establishing the public health challenge		
Gathering information/statistics to justify	to be addressed: referring to Topic Areas		
the need for action	1.1, 1.2 and 1.3		
Designing an outline proposal to address a	☐ Gathering information/statistics:		
public health challenge	referring to Topic Area 3.2  Aims and objectives:		
Aims and objectives			
Who the target audience is	Aims - whether the proposal focuses on protection, provention or promotion.		
	protection, prevention or promotion (Topic Area 1.1.2)		
	(ΙΟΡΙΟ ΛΙΘά Ι.Ι.Δ <i>)</i>		

- Considering the potential impact and suitability of different approaches to addressing public health challenges
- Use of evidence to support the proposal
- How the proposal will be implemented
  - Communication methods and resources needed to engage the target audience
  - Timescales
  - Safety considerations
- Bias and ethical considerations
- Partnership organisations and practitioners who may be involved
- Monitoring performance
  - How the performance of the approach proposed could be measured
  - What does 'success' look like?

- Objectives more specific purpose for the proposal (for example, to reduce the number of cases of X)
- Who the target audience is: based on demographics (age, household incomes, occupation), lifestyle and behaviour patterns, health needs
- Considering the potential impact and suitability of different approaches: referring to Topic Area 2.2
- Use of evidence to support the proposal may include:
  - Presenting key findings
  - How the data/information gathered supports the proposal
- Communication methods and resources:
  - How to communicate the proposal, such as through magazines, radio, newspapers, TV, internet, social media, community discussions
  - How to ensure a wide target audience hears the message. For example, adapting language or using specialist methods to make sure more people access information
  - Ways to manage information displayed on all media types. For example, having measures in place to control advertising fast foods, when they can advertise, how often, information adverts can and cannot include
- □ **Timescales**: the suggested timings for potential changes in behaviour to happen/proposal to take effect
- □ Safety considerations: minimising risks, sensitivity to the audience, responsibility for protecting the rights of individuals
- Considerations around bias may include ensuring that sources of information/data, information/data presented and communication methods are appropriate and representative
- □ Ethical considerations: may include rights of individuals, confidentiality, fairness and equality, not doing harm (for example. could a fear approach cause harm? Screening may cause stress and worry but early diagnosis can provide successful treatments)
- Partnership: links to national campaigns/organisations that may be involved in the same area of public health, practitioners and settings involved

	Monitoring performance: could include
	statistical data, questionnaires, surveys,
	witness testimony
3.2 Research methods and sources	,
<ul> <li>Primary methods</li> <li>Secondary methods</li> <li>Types of data/information</li> </ul>	To include:  □ How to avoid plagiarism  Examples of research methods may include:
<ul> <li>Qualitative and quantitative data</li> <li>Presenting data</li> <li>Research skills</li> <li>Acknowledge sources</li> <li>Consider appropriateness of sources of information and research methods</li> </ul>	<ul> <li>□ Primary methods:         surveys/questionnaires, observations,         interviews, focus groups</li> <li>□ Secondary methods: books, journals,         published statistics, websites, other         documentary sources. This should link to         local and national trends and patterns</li> <li>□ Qualitative data: observing how people         act, listening to how they feel, responses         to a questionnaire</li> <li>□ Quantitative data: counting people,         behaviours or conditions, for example.         Statistics could then be produced</li> <li>□ Presenting data: the use of tables, charts         and graphs</li> <li>Examples of appropriateness of sources of</li> </ul>
	<ul><li>information and research methods may include:</li><li>□ Whether they are reliable, unbiased, accurate, ethical</li></ul>

### Assessment criteria

**Section 6.4** provides full information on how to assess the NEA units and apply the assessment criteria.

These are the assessment criteria for the tasks for this unit. The assessment criteria indicate what is required in each task. Students' work must show that all aspects of a criterion have been met in sufficient detail for it to be **successfully achieved** (see **Section 6.4.1**). If a student's work does not fully meet a criterion, you must not award that criterion.

The command words used in the assessment criteria are defined in **Appendix B**.

Pass	Merit	Distinction
P1: Describe three public health challenges that are relevant to your local area for your chosen key theme.	M1: Discuss the importance of your chosen key theme in public health at a national level.	
P2: Explain two public health benefits of addressing your chosen challenge. P3: Explain two key factors influencing the public health challenge you are addressing. P4: Explain two potential barriers to people following public health advice about the challenge you are addressing.		
P5: Justify the research methods you will use to investigate your public health challenge.	M2: Summarise two current public health strategies that are relevant to the public health challenge you have chosen.	
P6: Collect qualitative data/information about your public health challenge. P7: Collect quantitative data about your public health challenge.	<b>M3: Present</b> qualitative and quantitative data/ information gathered in suitable ways.	D1: Discuss what the data/information from M3 indicates about your public health challenge.
P8: Describe the aims and objectives of your outline proposal.	<b>M4: Explain</b> how your outline proposal will meet its intended aims.	D2: Explain how your outline proposal can complement other relevant, current
P9: Summarise how the findings of your research support your outline proposal.	<b>M5: Explain</b> how your outline proposal addresses potential barriers to improving public health.	strategies.  D3: Explain how you have considered bias and ethical issues in your outline proposal.  D4: Explain how you would measure the performance of your outline proposal if it was
P10: Summarise the approach you propose to address the public health challenge.		implemented.
P11: Describe how your outline proposal will be implemented.	M6: Explain how two public health organisations will be involved in your outline proposal.  M7: Explain how public health prostitioners will be	
	health practitioners will be involved in your outline proposal.	
P12: Deliver the presentation about your outline proposal.		<b>D5: Recommend</b> and <b>justify</b> improvements to your outline proposal.

# Assessment guidance

This assessment guidance gives you information relating to the assessment criteria. There might not be additional assessment guidance for each assessment criterion. It is included only where it is needed.

Assessment Criteria	Assessment guidance
Task 1 General	<ul> <li>Where 'local' is referred to, this can refer to the student's town or city but could be expanded to consider the county or region if relevant information can only be found at that level.</li> <li>The research element of the task does not need to be completed under teacher supervised conditions, but it is necessary in order for students to access the criteria.</li> </ul>
P1	Students must describe <b>three</b> public health challenges that are relevant to their local area, for the key theme they have chosen, related to Topic Area 1.3.
P2, P3 and P4	<ul> <li>Students must choose one of the public health challenges they have described in P1 and must use this challenge in their explanations for P2, P3 and P4.</li> </ul>
M1	Students must discuss the importance of their chosen key theme in public health, linked to Topic Area 1.2 in the specification.
Task 2 P5	<ul> <li>Students must justify why the research methods they will use are appropriate, for example, how the methods provide relevant and reliable information in relation to the public health challenge.</li> <li>The research element of the task does not need to be completed under</li> </ul>
	teacher supervised conditions, but it is necessary in order for students to access the criteria.
P6 and P7	These criteria can be evidenced by questionnaires, interview notes or collecting data from other secondary sources.
M2	For M2, strategies can be at a local or national level. Summaries must include why the strategies are relevant to the chosen challenge.
M3	<ul> <li>Data could be presented as graphs, charts or statistics. Suitable means that the data/information is presented in a way that is clear and easy to understand and summarises the key findings.</li> </ul>
D1	D1 requires students to interpret the data from M3 to discuss what it indicates about the public health challenge.
Task 3 General	<ul> <li>Evidence for most of the criteria for Task 3 will be in the form of the (written) presentation material/content itself.</li> <li>P8-P11, M4-M7 and D2-D5 are achieved where there is presentation material/content demonstrating them; students must <b>not</b> be penalised if their delivery of the presentation (P12) does not meet a criterion but there is written evidence which does meet the requirements.</li> </ul>
P8	Students must include whether the overall aim is one of protection, prevention or promotion (Topic Area 1.1.2) and more specific details about what the outline proposal seeks to achieve and who it is aimed at.
P9	Students need to use the work they have done in Task 2 to produce a summary of how evidence gathered supports the outline proposal.
P10	• Students must describe the approach they propose, with reference to Topic Area 2.2.
P11	Students must consider how the proposed approach will be implemented with reference to communication methods and resources, timescales and safety considerations from Topic Area 3.1.

M4	For M4 students need to explain how the approach (P10) will enable
	<ul> <li>the aims and objectives (P8) to be met.</li> <li>Students could reference how research findings (P9) have influenced the design to ensure it will meet the aims and objectives where relevant.</li> </ul>
	The explanation for M4 may link to M5.
M5	<ul> <li>For M5 students must explain how the outline proposal addresses potential barriers to the public health improvement(s) it is trying to achieve.</li> </ul>
	This could be part of the explanation as to how the outline proposal will meet its aims and objectives (M4).
M6	M6 can be about any two, relevant public health organisations appropriate to the approach being proposed – they can be any combination of local, national and/or international.
M7	Students must describe the roles of at least two different practitioners.  These can be roles in the organisations covered in M6 but they do not have to be.
D2	Students must explain how their proposed approach can complement other relevant strategies. This can include those chosen in M2 from Task 2.
D3	Students need to consider bias and ethical issues (linked to Topic Area 3.1) and explain how these have been taken into account in their proposed approach.
D4	Students need to explain ways in which the effectiveness of the proposed approach could be judged and how these could be measured.
P12	Students could deliver the presentation to the teacher, peers or a combination of both. If the presentation is delivered to peers only, this must be video recorded, so that the teacher can use the recording to complete the Teacher Observation Record for P12. The recording does not need to be submitted to OCR.
	Teachers must complete a 'Teacher Observation Record' for each student to evidence they have met the criterion. Students must also read and sign it.
	This criterion is achieved if the student has delivered all the content of their presentation.
	Students can choose to collect feedback from the teacher/peers if they want to use it in D5.
D5	Students need to reflect on all of the tasks completed to consider the improvements that they would make to their outline proposal as a whole.  Foodback from D12 can be used in the student's evidence for this.
	<ul> <li>Feedback from P12 can be used in the student's evidence for this criterion, but the focus must be on improvements to the outline proposal itself, rather than on presentation skills.</li> </ul>

Some of the knowledge, understanding and skills needed to complete this unit will draw on the learning in Unit F090.

This table details the synoptic links.

Unit F095: Investigating public health		Unit F090	): Principles of health and social care
Topic Area		Topic Area	
1	Understanding public health	1	Equality, diversity, and rights in health and social care settings
		2	Managing hazards, health and safety in health and social care settings
3	Proposing how to address a public health challenge	4	Best practice in health and social care settings

4.3.5 Unit F096: Supporting people in relation to sexual health, pregnancy and postnatal health

#### **Unit Aim**

Sexual health, including pregnancy and childbirth, is as crucial as any other aspect of health and yet many feel uncomfortable talking about it, despite it affecting most of us at some point in our lives. Being prepared for sex, pregnancy, and childbirth with accurate and up-to-date knowledge can promote a sense of wellbeing that influences all other aspects of health by reducing the risk of unwanted consequences or a sense of trauma.

In this unit you will learn about and research the most important aspects of sexual health including relationships, the law, consent, sexual health, sexually transmitted infections, contraception, preconceptual care, birth, and the immediate care of the baby, and how to obtain support for these. You will also learn to produce advice and guidance that is personalised for specific individuals with issues related to sexual health and pregnancy, birth and postnatal health. You will develop skills needed to deliver advice and guidance in a sensitive and professional way and review the process of doing this.

Unit F096: Supporting people in relation to sexual health, pregnancy and postnatal health		
Topic Area 1: Advice and guidance on sext		
Teaching content	Exemplification	
1.1 Understanding sexual relationships	( <del>-</del> · · · ·	
☐ The role of sex in healthy relationships	To include:	
Consent in healthy and unhealthy	☐ Know the main purpose(s) of the	
relationships	Act/regulation	
<ul> <li>How this is communicated</li> <li>Sexual consent</li> </ul>	Does not include:	
<ul> <li>Sexual consent</li> <li>Statutory definition of consent</li> </ul>		
Legal age of consent	<ul> <li>Knowing the detailed content of the Act/regulation</li> </ul>	
□ Sexual offences act	Actifegulation	
1.2 Safe sex and contraception		
□ Safe sex	To include:	
What is meant by safe sex	□ How each method of safe sex and	
<ul> <li>The importance of safe sex</li> </ul>	contraception works	
<ul> <li>Choosing an appropriate method of safe</li> </ul>	□ The advantages and disadvantages of	
sex	each method of safe sex and	
<ul> <li>Where to obtain the method</li> </ul>	contraception	
<ul> <li>Respecting choices</li> </ul>		
□ Contraception:	Examples of methods of <b>safe sex</b> may include:	
What is meant by contraception	<ul><li>□ Regular testing</li><li>□ Barrier methods and how to use them –</li></ul>	
<ul> <li>Choosing an appropriate method of contraception</li> </ul>	□ Barrier methods and how to use them – condoms, dams	
Where to obtain the method	□ Medical methods – Pre-Exposure	
Respecting choices	Prophylaxis (PrEP) if high risk of Human	
□ Pregnancy testing	Immunodeficiency Virus (HIV)	
□ Possible effects of safe sex and		
contraception on the individual and their	Examples of methods of contraception may	
relationships:	include:	
<ul> <li>Physically</li> </ul>	□ Barrier methods: condoms - male or	
Intellectually	female	
Emotionally     Carielly	□ Oral hormones: progestogen only pill,	
• Socially	combined pill	
	□ Long Acting Reversable Contraception:	
	<ul><li>Implant</li><li>Injection</li></ul>	
	■ Injection	

	<ul> <li>Intrauterine Device</li> </ul>
	<ul> <li>Intrauterine System</li> </ul>
	□ Sterilisation – male or female
	<ul><li>Emergency contraception</li></ul>
1.3 Sexually Transmitted Infections (STIs)	
□ Types of sexually transmitted infections	Examples of types of sexually transmitted
(STIs)	infections may include:
<ul> <li>Bacterial</li> </ul>	□ Bacterial:
<ul><li>Viral</li></ul>	Chlamydia
<ul><li>Parasitic</li></ul>	<ul> <li>Gonorrhoea</li> </ul>
□ How STIs are transmitted	<ul> <li>Syphilis</li> </ul>
□ Symptoms or percentage without	□ Viral:
symptoms	Herpes
□ Treatment – control or cure	• HIV
Long term effects without treatment     Drayantian /right raduation	Genital warts
<ul><li>□ Prevention/risk reduction</li><li>□ Possible effects of STIs on the individual</li></ul>	□ Parasitic
and their relationships:	<ul> <li>Trichomoniasis</li> </ul>
Physically	
Intellectually	Examples of prevention/risk reduction may
Emotionally	include:
Socially	□ Choosing contraception
•	□ Safe/unsafe behaviour
1.4 Sexual health issues	Francisco of correct backle backers
□ Common types	Examples of <b>sexual health issues</b> may include:
□ Causes (if appropriate)	N A
□ Signs and symptoms	□ Menopause □ Cancer: cervix, uterus, ovarian, testes,
<ul><li>□ Screening and prevention</li><li>□ Treatment and control</li></ul>	prostate
□ Treatment and control □ Possible effects of women's and men's	□ Endometriosis
sexual health issues on the individual and	□ Candidiasis (thrush)
their relationships	□ Erectile dysfunction
Physically	,
Intellectually	Examples of screening and prevention may
Emotionally	include:
Socially	□ Cervical smears
,	□ Self-check (breast, testicles)
1.5 Other sources of support for sexual hea	alth issues
□ Statutory sector support:	Examples of <b>statutory sector support</b> may
Health	include:
Social Care	□ Health:
<ul> <li>Education</li> </ul>	<ul> <li>Genitourinary Medicine (GUM) Clinics</li> </ul>
□ Voluntary sector support	<ul> <li>Practitioners (General practitioner (GP),</li> </ul>
<ul> <li>Relationship support</li> </ul>	Nurse, Consultant, Gynaecologist,
<ul> <li>Contraception and STIs support</li> </ul>	Urologist)
<ul> <li>Women's and men's sexual health</li> </ul>	<ul> <li>Midwife</li> </ul>
support	□ Social Care:
□ Informal sector support	Health promotion
□ Private sector support	Funds local charities
	Practitioners (counsellors, therapists)
	□ Education:
	School nurse
	<ul> <li>Personal, Social, Health and Economic Education (PSHE)</li> </ul>

Examples of how to improve quality of sperm

in males may include:□ Diet – balanced□ Alcohol – safe limit□ Smoking – none

OCR Level 3 Alternative Academic Qualification Cambridge	e Advanced Nationals in Health and Social Care
	<ul><li>□ Drugs – prescription or advised only</li><li>□ X-rays – avoid</li></ul>
	Examples of how to improve the health of females may include:  Diet (many restrictions)  Avoid smoking, alcohol, drugs  Vit B12, folic acid  Weight Exercise  Examples of medical techniques may
	include:
	□ In vitro fertilisation (IVF) □ Medication
2.2 Healthy pregnancy	Everyles of boolthy lifestude at aleas devices
<ul> <li>Healthy lifestyle choices during pregnancy</li> <li>Screening tests in pregnancy</li> <li>Types of screening tests available</li> <li>Conditions that can be detected through screening</li> <li>Risks of different types of screening</li> <li>What the risks are in 'high risk' pregnancies</li> <li>Risks to the mother</li> <li>Risks to the foetus/baby</li> <li>Antenatal support during pregnancy</li> <li>Possible effects of a healthy pregnancy on the individual and their relationships:</li> <li>Physically</li> <li>Intellectually</li> <li>Emotionally</li> <li>Socially</li> </ul>	pregnancy may include:  □ Diet – healthy, balanced, avoid certain foods, vitamin supplements □ Avoiding alcohol/drugs/smoking □ Exercise □ Avoiding stress  Examples of screening tests in pregnancy may include: □ Blood tests • Can show if you have a higher chance of inherited conditions such as sickle cell anaemia, or infections such as HIV, hepatitis B or syphilis □ Ultrasounds • Carried out at 18-21 weeks to check the structure and organs or the baby • Carried out to detect conditions such as spina bifida □ Diagnostic tests • Can detect genetic conditions such as Down's syndrome or Sickle Cell Anaemia • Can lead to higher risk of miscarriage
	Examples of risks in 'high risk' pregnancies may include:  Developing conditions such as gestational diabetes, hypertension, eclampsia High/low birth weight Placenta previa Miscarriage or stillbirth Caesarean section  Examples of antenatal support during pregnancy may include:

- Pregnancy and birth
- Post-natal care
- □ Informal sector support
- □ Private sector support

- GP
- Midwife
- Obstetrician

### □ Post-natal care

- Health visitor
- GP

OCR Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Health and Social Care Midwife Lactation consultant Obstetrician Paediatrician Examples of voluntary sector support may include: □ Planning for conception and pregnancy and birth National Childbirth Trust (NCT) □ Post-natal care Breast feeding network NCT Local baby groups Examples of **informal sector support** may include: □ Partner □ Family □ Friends Examples of private sector support may include: □ Doula □ Private midwife Private birthing centres Antenatal or postnatal yoga/ exercise classes Topic Area 3: Plan, deliver and review an advice and guidance session Exemplification Teaching content 3.1 Planning the session Establishing the aims and objectives of To include: the session The importance of: Understanding the needs of the Clear and appropriate aims and individual objectives Prioritising areas to provide advice and · Accurate, relevant and up-to-date subject guidance on content Research the subject content for the • Structuring the advice and guidance advice and guidance session session • Finding reliable sources • Awareness of the audience and their • Using the internet as an effective feelings (linked to the relevant 6Cs in research tool Unit F090, Topic Area 4.2)

- Using accurate, relevant and up-to-date information
- Structure of the advice and guidance session
  - Introduction
  - Communicating aims and objectives
  - · Content of session
  - Opportunity for questions
- Awareness of the audience and their feelings
  - Sensitivity of the subject matter

<ul> <li>Accessibility and suitability for the individual</li> <li>Awareness of avoiding/explaining jargon</li> <li>3.2 Delivering the session</li> </ul>	
<ul> <li>Effective delivery of information</li> <li>Use of appropriate communication skills</li> <li>Pace</li> <li>Suitability for audience</li> <li>Tone and pitch</li> <li>Body language</li> <li>Eye contact</li> <li>Facial expression</li> <li>Self-reflection</li> <li>Feedback</li> <li>Methods for collecting feedback</li> <li>Using feedback and self-reflection for evaluation</li> <li>Strengths/weaknesses</li> <li>Comparison of feedback and self-reflection</li> <li>Areas for improvement</li> </ul>	Examples of Self-reflection could include:  How you felt the session went How engaged the audience seemed  Examples of Feedback methods could include: Questionnaire Survey Verbal or written comments

#### Assessment criteria

**Section 6.4** provides full information on how to assess the NEA units and apply the assessment criteria.

These are the assessment criteria for the tasks for this unit. The assessment criteria indicate what is required in each task. Students' work must show that all aspects of a criterion have been met in sufficient detail for it to be **successfully achieved** (see **Section 6.4.1**). If a student's work does not fully meet a criterion, you must not award that criterion.

The command words used in the assessment criteria are defined in **Appendix B**.

Pass	Merit	Distinction
P1: Summarise the aims and objectives of the advice and guidance session for the individual.		
<b>P2</b> : <b>Justify</b> why <b>three</b> sources of information that you have used in your research are appropriate.		
P3: Create a plan for the content and delivery of your advice and guidance session		
P4: Produce advice and guidance material to present on the key area the individual has asked about.	M1: Examine how the issues are likely to affect the individual and their relationships with reference to PIES.	D1: Recommend and justify the two most important actions the individual should now take.

P5: Produce advice and guidance material to present on other relevant sexual health issues for the individual.	M2: Recommend three sources of support available from at least two sectors for the individual.	
	<ul> <li>M3: Explain how you have considered the individual's feelings in:</li> <li>your material</li> <li>how you plan to deliver it to them.</li> </ul>	<b>D2</b> : <b>Evaluate</b> how effectively your advice and guidance will support the individual.
P6: Summarise the aims and objectives of the advice and guidance session for the individual.  P7: Justify why three sources of information that you have used in your research are		
appropriate.  P8: Create a plan for the content and delivery of your advice and guidance session.		
P9: Produce advice and guidance material to present on the key area the individual has asked about.	M4: Examine how the issues are likely to affect the individual and their relationships with reference to PIES.	D3: Recommend and justify the two most important actions the individual should now take.
P10: Produce advice and guidance material to present on other relevant pregnancy, birth and post-natal issues for the individual.	M5: Recommend three sources of support available from at least two sectors for the individual.	
	<ul> <li>M6: Explain how you have considered the individual's feelings in:</li> <li>your material</li> <li>how you plan to deliver it to them.</li> </ul>	<b>D4</b> : <b>Evaluate</b> how effectively your advice and guidance will support the individual.
P11: Deliver the advice and guidance session.	M7: Use appropriate communication skills when delivering the advice and guidance session.	<b>D5</b> : <b>Evaluate</b> the content and delivery of your advice and guidance session.
P12: Use an appropriate method to collect feedback on the content and delivery of the advice and guidance session.		

## Assessment guidance

This assessment guidance gives you information relating to the assessment criteria. There might not be additional assessment guidance for each assessment criterion. It is included only where it is needed.

Assessment	Assessment guidance
Criteria	
Task 1 General	Where criteria refer to 'the individual' this relates to the individual in the relevant case study.
00.1010.	The research element of the task does not need to be completed under
	teacher supervised conditions but it is necessary in order for students
	to access the criteria.
P1	Students must consider the needs of the individual based on the
	information provided to establish the aims and objectives for the
	session. This must include needs based on the key area for advice
	identified in the case study and other needs identified by the student
D0	based on the information given about the individual and their situation.
P2	Students should research the sexual health issues relating to the needs  identified in P4 resignment of the sexual health issues relating to the needs  2.4
	identified in P1 using appropriate sources, relating to Topic Area 3.1.
	They must justify why <b>three</b> of the sources they have used are appropriate.
P3	Students must create a plan for both the content and delivery of their
. •	advice and guidance session. This should be based on Topic Areas 3.1
	and 3.2 and must include details of how the session would be delivered
	and the communication skills that would be needed to do this
	effectively.
P4, P5, M1, M2,	The evidence for these criteria must be in the form of the material that
D1	will be presented during the advice and guidance session.
P4	This criterion focuses on the advice provided about the key area
	identified in the case study. For example, in the SAM Case Study 1,
P5	this is contraceptive methods from Topic Area 1.2.
P3	This criterion focuses on the advice provided about other sexual health issues from Topic Area 1 that would be beneficial to the individual. For
	example, in the SAM Case Study 1, this could include advice on safe
	sex from Topic Area 1.2 and STIs from Topic Area 1.3.
M1	Students must consider the possible effects on the individual and their
	relationships in relation to all four areas of PIES. If students feel that
	the issues are not likely to impact on one (or more) of the areas of
	PIES, this is acceptable as long as they have explained their
140	reasoning.
M2	• Sources of support must be from at least <b>two</b> of the sectors identified in Topic Area 1.5.
D1	Students need to conclude their advice and guidance session by
	considering the best course of action for the individual. They must
	recommend the two most important actions the individual should take
140	and justify their recommendations.
M3	To achieve this criterion, students must address both bullets. This is
DO	linked to Topic Area 3.1.
D2	Students should consider all of the evidence they have produced for  Task 1 and evaluate how effective this meterial will be in addressing.
	Task 1 and evaluate how effective this material will be in addressing the individual's issues from the case study.
Task 2	Where criteria refer to 'the individual' this relates to the individual in the
General	relevant case study.
	The research element of the task does not need to be completed under
	teacher supervised conditions but it is necessary in order for students
	to access the criteria.
P6	Students must consider the needs of the individual based on the
	information provided to establish the aims and objectives for the
	session. This must include needs based on the key area for advice

	T
	identified in the case study and other needs identified by the student
	based on the information given about the individual and their situation.
P7	Students should research the pregnancy, birth and postnatal issues
	relating to the needs identified in P6 using appropriate sources. They
D0	must justify why <b>three</b> of the sources they have used are appropriate.
P8	Students must create a plan for both the content and delivery of their
	advice and guidance session. This should be based on Topic Areas 3.1
	and 3.2 and must include details of how the session would be delivered
	and the communication skills that would be needed to do this
DO D40 M4 M5	effectively.
P9, P10, M4, M5, D3	The evidence for these criteria must be in the form of the material that  will be presented during the advise and guidence asserts.
P9	will be presented during the advice and guidance session.
P9	This criterion focuses on the advice provided about the key area  identified in the case study. For exemple, in the SAM Case Study 2
	identified in the case study. For example, in the SAM Case Study 2,
P10	this is about planning for conception from Topic Area 2.1.
P10	This criterion focuses on the advice provided about other pregnancy, birth and post-natal issues from Topic Area 2 that would be beneficial
	to the individual. For example, in the SAM Case Study 2, this could
	include advice on healthy pregnancy from Topic Area 2.2.
M4	<ul> <li>Students must consider the possible effects on the individual and their</li> </ul>
141 1	relationships in relation to <b>all four</b> areas of PIES. If students feel that
	the issues are not likely to impact on one (or more) of the areas of
	PIES, this is acceptable as long as they have explained their
	reasoning.
M5	Sources of support must be from at least two of the sectors identified in
	Topic Area 2.5.
D3	Students need to conclude their advice and guidance session by
	considering the best course of action for the individual. They must
	recommend the two most important actions the individual should take
	and justify their recommendations.
M6	To achieve this criterion, students must address both bullets. This is
	linked to Topic Area 3.1.
D4	Students should consider all of the evidence they have produced for
	Task 2 and evaluate how effective this material will be in addressing
Took 2	the individual's issues from the case study.
Task 3 General	Students can choose either of their advice and guidance sessions to  deliver. This can be to the teacher making time of both. If
General	deliver. This can be to the teacher, peers or a combination of both. If
	the advice and guidance session is delivered to peers only, this must be video recorded, so that the teacher can use the recording to
	complete the Teacher Observation Record for P11 and M7. The
	recording does not need to be submitted to OCR. Peer feedback is
	acceptable for P12 and D5.
	The audience must give adequate feedback to enable the student to
	access P12 and D5.
P11 and M7	Teachers must complete a 'Teacher Observation Record' for each
	student to evidence they have met these criteria. Students must also
	read and sign it.
	P11 is achieved if the student delivers all the content of their chosen
	advice and guidance session.
	M7 is linked to Topic Area 3.2.
P12	Students must collect feedback from their audience about the content
	and delivery of their advice and guidance session.

D5	•	Students should use self-reflection, and the feedback they have
		collected on their delivery, to evaluate both the content and delivery of
		the advice and guidance session.

Some of the knowledge, understanding and skills needed to complete this unit will draw on the learning in Units F090 and F091.

These tables detail the synoptic links.

Unit F096: Supporting people in relation to sexual health, pregnancy and postnatal health		Unit F090	): Principles of health and social care
Topic Area		Topic Area	
1	Advice and guidance on sexual health issues		Equality, diversity, and rights in health and social care settings
		3	Legislation in health and social care settings
3	Plan, deliver and review an advice and guidance session	1	Equality, diversity, and rights in health and social care settings
		4	Best practice in health and social care settings

Unit F096: Supporting people in relation to sexual health, pregnancy and postnatal health		Unit F091: Anatomy and physiology for health and social care	
Topic Area		Topic Area	
1	Advice and guidance on sexual health issues	6	Reproductive system
2 Advice and guidance on pregnancy, birth and post-natal issues		6	Reproductive system

### 4.3.6 Unit F097: Supporting healthy nutrition and lifestyles

#### **Unit Aim**

What we eat and our physical activity levels affect our health and wellbeing. As future practitioners it is important to understand the impact of nutrition and exercise on health and wellbeing. Rising levels of obesity are leading to increases in heart conditions, diabetes and liver disease. Many health and social care practitioners are involved in the provision of meals so it is important you understand and can explain how to promote healthy eating and ensure that everyone has access to healthy food that meets their needs.

In this unit you will learn about the healthy eating guidelines, physical activity guidelines, nutritional labelling and the sources of nutrients. You will learn how to use this information to plan healthy and balanced meals for service users with different nutritional needs. You will investigate some of the barriers facing service users to eat healthy meals and the support that individuals may require to eat healthy meals.

Unit F097: Supporting healthy nutrition and lifestyles		
Topic Area 1: Dietary and activity needs of		
Teaching content	Exemplification	
1.1 Dietary needs		
□ What is meant by a balanced diet	To include:	
□ Recommended dietary guidelines	□ Recommended dietary guidelines	
<ul> <li>Recommended Daily Intake (RDI)</li> </ul>	<ul> <li>Know that there is a range of guidance</li> </ul>	
Eatwell guide	available and how it can be used	
• 5 a day	□ Dietary needs of different types of	
Portion sizes	individuals	
□ How and why needs vary for different	Males/females	
individuals and their circumstances	Children and young people (5-18 years	
□ Dietary components	old)	
Macro nutrients	Adults and older adults (19 years old	
Micronutrient	and over)	
Fibre	Children and young people with	
Water	disabilities	
□ Sources of dietary components in relation	Adults with disabilities	
to food groups	Pregnancy and after childbirth	
□ Function of dietary components	Individuals recovering from illness or	
, .	operation	
	Physical activity level	
	□ Dietary components	
	Macro nutrients	
	o Protein	
	<ul> <li>Fats (saturated and unsaturated)</li> </ul>	
	<ul> <li>Carbohydrates (starch and sugars)</li> </ul>	
	Micronutrients	
	○ Vitamins (A, B group - including folic	
	acid, C, D, E & K)	
	<ul> <li>Minerals (Calcium and phosphorus,</li> </ul>	
	iron, sodium, potassium, magnesium)	
	Water	
	<ul> <li>The importance of hydration and fluid</li> </ul>	
	balance in our diets	
	• Fibre	
	□ Sources of dietary components in relation	
	to food groups	
	Vegetables	

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	Examples of <b>economic factors</b> may include:  □ Cost of food/ingredients □ Cost of cooking method □ Income
	Examples of <b>personal preferences</b> may include:  Uegetarianism Ueganism Likes/dislikes Stress/mood
	Examples of <b>other health factors</b> may include:  □ Food allergies and/or intolerances □ Reduced ability to chew/swallow
2.2 Digestive disorders	
<ul> <li>□ Types of digestive disorder</li> <li>• Food intolerances</li> <li>• Inflammatory bowel diseases</li> <li>• Auto-immune diseases</li> <li>• Gastro-intestinal disorders</li> <li>□ Signs and symptoms</li> <li>□ Symptom management</li> <li>□ The impact of these conditions on an</li> </ul>	To include:  □ The impact of these disorders on an individual using:  • Physical • Intellectual • Emotional • Social
individual □ Sources of support • Formal • Informal • Voluntary	Examples of digestive disorders may include:  Gluten intolerance Lactose intolerance Crohn's disease Ulcerative colitis Irritable Bowel syndrome Coeliac disease Peptic ulcer
	Examples of <b>signs and symptoms</b> may include:  Pain Bloating Diarrhoea Nausea Blood or mucus in stools
	Examples of <b>symptom management</b> may include:  Avoiding certain foods Lifestyle changes
	Examples of the impact of these conditions on an individual may include:  □ Pain □ Having to use the toilet often □ Feeling unable to leave the house
	Examples of <b>sources of support</b> may include:  □ Formal: dietician, specialist nurses  □ Informal: family and friends, neighbours  □ Voluntary: Crohn's and Colitis UK, Catherine  McEwan Foundation (IBS)

2.3 Factors that influence physical activit	y levels
□ Lifestyle and personal circumstances	Examples of lifestyle and personal
□ Sociocultural factors	circumstances may include:
□ Economic factors	□ Mobility
<ul> <li>Personal preferences</li> </ul>	□ Fitness levels
□ Other health factors	□ Occupation – active/sedentary
	□ Accessibility of activities and exercise facilities
	□ Training for a sporting event
	□ Lack of time
	□ Tiredness
	□ Tileuliess
	Everyles of accidentifications and
	Examples of sociocultural factors and
	personal preferences may include:
	□ Religion and beliefs
	□ Socialisation
	□ Enjoyment of activity/own interests
	□ Wanting to be fit and healthy
	□ Trends (advertising/media)
	Examples of <b>economic factors</b> may include:
	□ Affordability of activities
	□ Income
	Examples of <b>other health factors</b> may include:
	□ Heart disease
	□ Arthritis
2.4 Understanding factors relating to diet	
□ Benefits of a healthy diet	Examples of benefits of a healthy diet may
Describle assessed for a many dist	include:
0	□ Good nutrition
·	
Benefits of regular physical activity	□ Variety of ingredients
Possible reasons for poor levels of      physical activity.	<ul><li>□ Better immune system</li><li>□ Gut health</li></ul>
physical activity	
Consequences of poor levels of physical	Less obesity     Reduction in illness and discuss a particularly.
activity	□ Reduction in illness and disease, particularly
□ Benefits and consequences on:	heart disease
<ul><li>Physical health</li><li>Mental and social health</li></ul>	Examples of <b>possible reasons for a poor diet</b>
D	may include:
	□ Limited access to shops
• Individual	□ Lack of knowledge of nutrition and/or ability to
<ul> <li>Society</li> </ul>	cook
	□ Poor physical health that makes shopping and
	cooking more difficult
	•
	□ Poor mental health or stress
	□ Lack of time/busy lifestyle/convenience
	□ Enjoyment of high salt/fat/sugar foods and
	alcohol
	Examples of <b>consequences of a poor diet</b> may
	include:
	□ Weight gain/obesity
	□ Coronary heart disease
	□ Lack of fibre causing bowel problems
	□ Deficiency of some vitamins and minerals
	bondioney of some vitalinis and minerals

	Examples of benefits of regular physical
	activity may include:
	□ Control weight
	□ Improved cardiovascular and respiratory
	systems
	□ Muscle strength
	□ Better mobility
	□ Improved mental health
	'
	Examples of <b>possible reasons for poor levels</b>
	of physical activity may include:
	□ Lack of motivation
	□ Lack of time
	□ Poor mobility
	□ Pain when exercising
	□ Lack of easy access to appropriate facilities
	Cost of activities
	Cost of activities
	Examples of consequences of poor levels of
	physical activity may include:
	□ Reduced mobility and muscle strength
	·
	□ Weight gain
	□ Increased risk of coronary heart disease and
	respiratory disease
	Examples of benefits of healthy diet and
	regular physical activity may include:
	□ For the individual:
	Improved physical health
	Improved mental health
	Improved self-esteem and self-image
	Maintain the ability to live independently
	for longer
	Encourage fun with family and friends
	,
	□ For society:
Tonic Area 2: Supporting individuals to	Reduced cost to NHS and social care  Plan moals that most their needs
Topic Area 3: Supporting individuals to particle Teaching content	Exemplification
3.1 Meal planning	LXempinication
□ Aims of meal planning	To include:
☐ How to create meal plans	□ Why it is important to support individuals with
T	meal planning
I -	□ Who the meal plan is for
Age     Special distant requirements	l B , , , , , , , , , , , , , , , , , ,
Special dietary requirements  Partial air-a  The state of the sta	☐ Budget for meal plan/budget per serving☐ How many days the meal plan is for
Portion size	☐ How to create a meal plan
Budget	☐ How to create a mear plan ☐ How to balance calorie input to activity levels
Lifestyle	(calorie output)
□ Sustainability of meal plan	□ Sustainability of meal plan:
	How individuals can be supported to
	· ·
	continue to meal plan:
	<ul><li>Motivation to continue planning</li><li>Batch cooking</li></ul>
	○ Meal storage/use of freezer
	Near storage/use of freezer     Reducing waste
	I Cadonia wasic

3.	2 Food labelling	
	The information included on food labels	To include:
	How to interpret and use the information	□ Reasons why foods are labelled
	on the label	
	The criteria for traffic light labelling on	Examples of information included on food
	packaging – low (green), medium (amber)	labels may include:
	and high (red) colour coding	□ Place of origin
	Comparing prices/ingredients of	□ Ingredients (in order of quantity)
	meals/products per serving	□ Allergy information
		□ Quantity
		□ Use by date
		□ Storage/cooking instructions
		□ Nutritional information per 100g or 100ml:
		Energy (kcal/kJ), fat, saturated fat,
		carbohydrate, sugar, protein and salt
	3 Supporting social interaction at mealt	
	Sources of support to meet needs for	Examples of supporting social interaction at
	social interaction at mealtimes	mealtimes may include:
	Access to social venues for lunch/tea and	Lunch clubs
П	chat Benefits of social interaction for the	<ul> <li>Charity-run clubs (Salvation Army, Age UK)</li> </ul>
ш	individual at mealtimes	Day centres
	marriada at moditimos	Tea and chat
		□ Access to social venues for lunch/tea and chat
		Booking
		<ul><li>Need for transport</li><li>Cost</li></ul>
		at mealtimes
		Physical
		Intellectual
		Emotional     Social

#### Assessment criteria

**Section 6.4** provides full information on how to assess the NEA units and apply the assessment criteria.

These are the assessment criteria for the tasks for this unit. The assessment criteria indicate what is required in each task. Students' work must show that all aspects of a criterion have been met in sufficient detail for it to be **successfully achieved** (see **Section 6.4.1**). If a student's work does not fully meet a criterion, you must not award that criterion.

The command words used in the assessment criteria are defined in **Appendix B**.

Pass	Merit	Distinction
P1: Describe how the recommended dietary guidelines apply to your chosen individual.  P2: Describe how the recommended physical activity guidelines apply to your chosen individual.	M1: Assess your chosen individual's diet over the seven-day period in relation to the recommended guidelines.  M2: Assess your chosen individual's physical activity levels over the seven-day period in relation to the recommended guidelines.	D1: Examine the impact of your chosen individual's dietary choices and physical activity levels on their health and wellbeing.
P3: Describe the factors that influence your chosen individual's dietary choices.	M3: Make recommendations for your chosen individual about their diet.	<b>D2: Justify</b> why your recommendations about diet are appropriate for your chosen individual.
<b>P4: Describe</b> the factors that influence your chosen individual's physical activity levels.	M4: Make recommendations for your chosen individual about their physical activity levels.	D3: Justify why your recommendations about physical activity levels are appropriate for your chosen individual.
<ul> <li>P5: Use research to produce information about the service user's digestive disorder.</li> <li>P6: Use research to produce information about the sources of support for the service user's digestive disorder.</li> </ul>	<b>M5: Explain</b> the impact of the digestive disorder on the service user's health and wellbeing.	
P7: Create a meal plan that provides a varied, balanced diet and meets the recommended dietary guidelines and the needs of the service user.  P8: Describe how your meal plan meets the dietary needs	M6: Explain how the meal plan provides a varied, balanced diet and meets the recommended dietary guidelines for the service user.	
of the service user's digestive disorder. <b>P9: Show</b> how the meal plan meets the budget requirements.	M7: Explain how the meal plan meets the needs of service user's personal circumstances and preferences.	<b>D4</b> : <b>Discuss</b> how the service user could be supported to continue meal planning.
P10: Use the information on the food labels of the specified ready meals to explain which is the healthiest.  P11: Summarise how the information on food labels can be used by the service user.		
P12: Research options for social interactions at mealtimes in your local area that would be suitable for the service user.		<b>D5</b> : <b>Justify</b> the best option for social interactions at mealtimes available for the service user and how it meets their needs.

#### Assessment guidance

This assessment guidance gives you information relating to the assessment criteria. There might not be additional assessment guidance for each assessment criterion. It is included only where it is needed.

Assessment Criteria	Assessment guidance
Task 1 General	<ul> <li>The individual chosen for Task 1 must be 12 years of age or older.</li> <li>Students must choose an individual to complete the diary. This could include friends, family or peers. Ethical and safeguarding issues must be considered when choosing the individual. You may ask your teacher for advice, if necessary.</li> <li>Students must not choose individuals who have already completed the assignment.</li> <li>Students must consider the task requirements and choose an appropriate individual who has scope to improve their diet and physical activity levels to help meet the assessment criteria. The food and drink diary must record all food and drink intake over the seven- day period, including meals, snacks, confectionary and supplements. The number of portions must also be recorded, e.g. a portion of rice or a portion of vegetables (as given in NHS 5 a day portion sizes). There is no need for exact weights and measures.</li> <li>The physical activity diary must record the type and length of time for each activity that the individual participates in each day over the 7-day period. Physical activity could include walking, running, cycling, walking up and down stairs, swimming, sport, gardening, housework. This list is not exhaustive.</li> <li>The student can use any method to ask the individual about the factors that influence their dietary and physical activity choices. This could be an interview or questionnaire or any other suitable method to gain this information from their chosen individual.</li> <li>This element of the task does not need to be completed under teacher</li> </ul>
	supervised conditions but it is necessary in order for students to access the criteria and the teacher must be satisfied that the student has collected this information from a suitable individual.
P1 and M1	<ul> <li>Students must cover the dietary guidelines that apply to their chosen individual in relation to:         RDI, Eatwell Guide, Five a day, portion sizes.</li> <li>Their assessment must include a comparison of their chosen individual's diet with the recommended dietary guidelines. Alcohol</li> </ul>
D1	<ul> <li>guidelines are not covered in this unit.</li> <li>Students must look holistically at both diet and physical activity levels on the individual's health and wellbeing for their written report</li> </ul>
P2 and M2	<ul> <li>Students must cover the frequency, intensity, time and type of physical activity.         For example, a 55-year-old female would be encouraged to do weight bearing exercise three times a week, as well as cardiovascular and flexibility exercise.     </li> <li>Their assessment must include a comparison of their chosen individual's physical activity levels with the recommended physical activity guidelines.</li> </ul>
P3, P4, M3 and M4	To achieve these criteria students must cover lifestyle and personal circumstances, sociocultural factors, economic factors, personal preferences and, if relevant, health factors.

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M3 and M4	• For M3 and M4 to be achieved recommendations must be appropriate based on the information collected about the individual. The appropriateness of the recommendation does not need to be justified for M3 and M4 – justification is in D2 and D3.
	<ul> <li>M3/M4 should not be awarded if recommendations are clearly inappropriate for the individual.</li> </ul>
D2 and D3	<ul> <li>Justifications must clearly relate to the recommendations in M3/M4 and be linked back to the individual.</li> </ul>
Task 2 General	The research element of the task does not need to be completed under teacher supervised conditions, but it is necessary in order for students to access the criteria.
P5 and M5	<ul> <li>The information about the digestive disorder must include:         <ul> <li>a basic summary of how the disorder affects the service user including signs and symptoms</li> <li>effects on appetite and choice of foods</li> <li>cooking methods.</li> </ul> </li> <li>The digestive disorder will be given in the assignment. Research must be presented in written format and be referenced using a bibliography.</li> <li>For M5 the impacts on the service user must be considered in relation to PIES.</li> </ul>
P6	Research on sources of support for the service user's digestive disorder must be referenced. This must include formal, informal and voluntary support. The digestive disorder will be given in the assignment.
P7	<ul> <li>The meal plan must be for three meals per day and the number of days given in the assignment.</li> <li>The meal plan must only include meals that are cooked from scratch. Ready meals must not be included in the meal plan.</li> <li>For P7, the meal plan needs to meet the needs of the service user in relation to:         <ul> <li>their digestive disorder</li> <li>the dietary guidelines</li> </ul> </li> <li>their personal circumstances and preferences.</li> </ul>
P9	<ul> <li>Students can assume that there are some basic store cupboard ingredients available such as flour and seasoning. These will not need to be costed but the key ingredients will need to be included in the costing.</li> <li>Costings should only include the quantity of ingredients that they have used (for example, the cost of one serving of cereal, rather than the cost of the whole box).</li> <li>Students must show the breakdown of costs per ingredient (for example, one serving of cereal = price of the box divided by the number of servings). The information can be presented in any way, as long as it is clear.</li> </ul>
D4	<ul> <li>For D4 students need to consider the service user's needs and relate this to Topic Area 3.1. It must be related to the service user rather than just at a general level.</li> </ul>
P10	Students must compare the information on the food labels of the two ready meals. They do not need to compare the ready meals to the meals in the meal plan.
	Students must explain how they have used the information on the labels of both ready meals when deciding which is the healthiest choice. Students can decide that either ready meal is the healthiest as long as their explanation is supported by the information on the labels.

	As a minimum, students must reference, energy, fat, saturates, sugars and salt.
P11	The student must cover how the service user can use the information on food labels when choosing what to eat and relate it to recommended dietary guidelines, ingredients, the service user's preferences and the digestive disorder.
P12 and D5	• Research on sources of support for social interaction at mealtimes should relate to Topic Area 3.3. They can be in local area, or a wider area, depending on availability. Students can include consideration of the location and availability of these sources of support in their work in D5.

#### Synoptic assessment

Some of the knowledge, understanding and skills needed to complete this unit will draw on the learning in Unit F091.

This table details the synoptic links.

Unit F097: Supporting healthy nutrition and lifestyles		Unit F091: Anatomy and physiology for health and social care		
Topic Area		Topic Area		
1	Dietary and activity needs of individuals	3	Digestive system	
2	Factors that influence dietary choices and physical activity levels	3	Digestive system	

More information about synoptic assessment in these qualifications can be found in **Section 5.2 Synoptic assessment**.

## 5 Assessment and grading

#### 5.1 Overview of the assessment

Entry code	H025
Qualification title	OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate)
GLH	180*
Reference	610/3985/8
Total Units	Has three units:  • Mandatory units F090, F092, F093.

Entry code	H125
Qualification title	OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate)
GLH	360*
Reference	610/3986/X
Total Units	Has six units:  • Mandatory units F090, F091, F092, F093 • and two other units from F094, F095, F096, F097.

<sup>\*</sup>the GLH includes assessment time for each unit

#### Unit F090: Principles of health and social care

80 GLH

1 hour 30 minutes written exam

60 marks (60 UMS)

OCR-set and marked

Calculators are not required in this exam.

The exam has 5 compulsory questions. There will be short, medium and extended response questions.

#### Unit F091: Anatomy and physiology for health and social care

80 GLH

1 hour 30 minutes written exam

60 marks (60 UMS)

OCR-set and marked

Calculators are not required in this exam

The exam has 2 parts and 14 compulsory questions. There will be short, medium and extended response questions.

- Section A: 10 marks
  - 10 x 1 mark, controlled response questions including multiple choice questions.
- Section B: 50 marks
  - Structured questions including short answer, closed response questions (with or without diagrams) and controlled response questions including MCQs – typically 1 to 4 marks.
  - Extended constructed response with points-based mark scheme typically 1 to 4 marks, 1 mark per factor or feature to a stated maximum.
  - Extended constructed responses with levels of response mark schemes.
  - o Some items will use scenarios/contexts.
  - All Topic Areas are assessed in each assessment.

#### Unit F092: Person-centred approach to care

50 GLH

OCR-set assignment

Centre-assessed and OCR-moderated

This set assignment has two practical tasks.

It should take 15 GLH to complete.

#### Unit F093: Supporting people with mental health conditions

50 GLH

OCR-set assignment

Centre-assessed and OCR-moderated

This set assignment has four practical tasks.

It should take 14 GLH to complete.

#### Unit F094: Supporting people with long term physiological conditions

50 GLH

OCR-set assignment

Centre-assessed and OCR-moderated

This set assignment has four practical tasks.

It should take 15 GLH to complete

#### Unit F095: Investigating public health

50 GLH

**OCR-set assignment** 

Centre-assessed and OCR-moderated

This set assignment has three practical tasks.

It should take 13 GLH to complete.

## Unit F096: Supporting people in relation to sexual health, pregnancy and postnatal health

50 GLH

**OCR-set assignment** 

Centre-assessed and OCR-moderated

This set assignment has three practical tasks.

It should take 13 GLH to complete.

#### Unit F097: Supporting healthy nutrition and lifestyles

50 GLH

**OCR-set** assignment

Centre-assessed and OCR-moderated

This set assignment has two practical tasks.

It should take 14 GLH to complete.

OCR-set assignments for NEA units are on our secure website, **Teach Cambridge**. Each NEA assignment is live for two years. The intended cohort is shown on the front cover. It is important you use the correct NEA set assignment for each cohort, as starting a new cohort of Year 12 students on an NEA set assignment that has already been live for one year will mean that these students will only have one year to work on the assignment.

## 5.2 Synoptic assessment

Synoptic assessment is a built-in feature of these qualifications. It means that students need to use an appropriate selection of their knowledge, understanding and skills developed across each qualification in an integrated way and apply them to a key task or tasks.

This helps students to build a holistic understanding of the subject and the connections between different elements of learning, so they can go on to apply what they learn from these qualifications to new and different situations and contexts.

The externally assessed units allow students to gain underpinning knowledge and understanding relevant to health and social care. The NEA units draw on and strengthen this learning by assessing it in an applied or practical way.

It is important to be aware of the synoptic links between the units so that teaching, learning and assessment can be planned accordingly. Then students can apply their learning in ways which show they are able to make connections across the qualification. **Section 4.3** shows the synoptic links for each unit.

#### 5.3 Transferable skills

These qualifications give students the opportunity to gain broad, transferable skills and experiences that they can apply in future study, employment and life.

Higher Education Institutions (HEIs) have told us that developing some of these skills helps students to transition into higher education.

These skills include:

- Collaboration
- Communication
- Critical thinking
- Independent learning
- Presentation skills
- Problem solving
- Referencing
- Reflection
- Research skills
- Self-directed study
- Time management

## 5.4 Grading and awarding grades

#### **Externally assessed units**

We mark all the externally assessed units.

Each external assessment is marked according to a mark scheme, and the mark achieved will determine the unit grade awarded (Pass, Merit or Distinction). We determine grade boundaries for each of the external assessments in each assessment series.

If a student doesn't achieve the mark required for a Pass grade, we issue an unclassified result for that unit. The marks achieved in the external assessment will contribute towards the student's overall qualification grade, even if a Pass is not achieved in the unit assessment.

#### **NEA** units

NEA units are assessed by the teacher and externally moderated by us.

Each unit has specified Pass, Merit and Distinction assessment criteria. The assessment criteria for each unit are provided with the unit content in **Section 4.3** of this specification. Teachers must judge whether students have met the criteria or not.

A unit grade can be awarded at Pass, Merit or Distinction. The number of assessment criteria needed to achieve each grade has been built into each assignment. These are referred to as design thresholds. The table below shows the design thresholds for each grade outcome for the NEA assessments in these qualifications. The unit grade awarded is based on the **total** number of achieved criteria for the unit. The total number of achieved criteria for each unit can come from achievement of any of the criteria (Pass, Merit or Distinction). This is **not** a 'hurdlesbased' approach, so students do **not** have to achieve **all** criteria for a specific grade to achieve that grade (e.g. all Pass criteria to achieve a Pass).

To make sure we can keep outcomes fair and comparable over time, we will review the performance of the qualifications through their lifetime. The review process might lead to changes in these design thresholds if any unexpected outcomes or significant changes are identified.

Unit size (GLH)	50
Total number of criteria	24
Number of pass criteria	12
Number of merit criteria	7
Number of distinction criteria	5
Total number of criteria needed for a unit pass	10
Total number of criteria needed for a unit merit	15
Total number of criteria needed for a unit distinction	20

If a student doesn't achieve enough criteria to achieve a unit Pass, we will issue an unclassified result for that unit. The number of criteria achieved will be converted into a mark on the Uniform Mark Scale (UMS) and will contribute towards the student's overall qualification grade, even if a Pass is not achieved in the unit assessment. More information about this is in Section below (Calculating the qualification grades).

#### Qualifications

The overall qualification grades are:

- Distinction\* (D\*)
- Distinction (D)
- Merit (M)
- Pass (P)
- Unclassified (U)

#### Calculating the qualification grades

When we work out students' overall grades, we need to be able to compare performance on the same unit in different assessments over time and between different units. We use a Uniform Mark Scale (UMS) to do this.

A student's uniform mark for each externally assessed unit is calculated from the student's raw mark on that unit. A student's uniform mark for each NEA unit is calculated from the number of criteria the student achieves for that unit. The raw mark or number of criteria achieved are converted to the equivalent mark on the uniform mark scale. Marks between grade boundaries are converted on a pro rata basis.

When unit results are issued, the student's unit grade and uniform mark are given. The uniform mark is shown out of the maximum uniform mark for the unit (for example, 48/60).

The student's uniform marks for each unit will be aggregated to give a total uniform mark for the qualification. The student's overall grade will be determined by the total uniform mark.

The tables below show:

- the maximum raw marks or number of criteria, and uniform marks for each unit in the qualifications
- the uniform mark boundaries for each of the assessments in each qualification
- the minimum total mark for each overall grade in the qualifications.

#### **Certificate Qualification:**

Unit	Maximum raw mark/number of criteria	Maximum uniform mark (UMS)	Distinction* (UMS)	Distinction (UMS)	Merit (UMS)	Pass (UMS)
F090	60	60	-	48	36	24
F092	24	45	-	36	27	18
F093	24	45	-	36	27	18
Qualification Totals	108	150	135	120	90	60

#### **Extended Certificate Qualification:**

Unit	Maximum raw mark/number of achieved criteria	Maximum uniform mark (UMS)	Distinction* (UMS)	Distinction (UMS)	Merit (UMS)	Pass (UMS)
F090	60	60	-	48	36	24
F091	60	60	-	48	36	24
F092	24	45	-	36	27	18
F093	24	45	-	36	27	18
F094	24	45	-	36	27	18
F095	24	45	-	36	27	18
F096	24	45	-	36	27	18
F097	24	45	-	36	27	18
Qualification Totals	216	300	270	240	180	120

You can find a marks calculator on the qualification page of the OCR website to help you convert raw marks/number of achieved criteria into uniform marks.

## 5.5 Performance descriptors

Performance descriptors indicate likely levels of attainment by representative students performing at the Pass. Merit and Distinction grade boundaries at Level 3.

The descriptors must be interpreted in relation to the content in the units and the qualification as a whole. They are not designed to define that content. The grade achieved will depend on how far the student has met the assessment criteria overall. Shortcomings in some parts of the assessment might be balanced by better performance in others.

#### **Level 3 Pass**

At Pass, students show adequate knowledge and understanding of the basic elements of much of the content being assessed. They can develop and apply their knowledge and understanding to some basic and familiar contexts, situations and problems.

Responses to higher order tasks involving detailed discussion, evaluation and analysis are often limited.

Many of the most fundamental skills and processes relevant to the subject are executed effectively but lack refinement, producing functional outcomes. Demonstration and application of more advanced skills and processes might be attempted but not always executed successfully.

#### **Level 3 Merit**

At Merit, students show good knowledge and understanding of many elements of the content being assessed. They can sometimes develop and apply their understanding to different contexts, situations and problems, including some which are more complex or less familiar.

Responses to higher order tasks involving detailed discussion, evaluation and analysis are likely to be mixed, with some good examples at times and others which are less accomplished.

Skills and processes relevant to the subject, including more advanced ones, are developed in terms of range and quality. They generally lead to outcomes which are of good quality, as well as being functional.

#### **Level 3 Distinction**

At Distinction, students show thorough knowledge and understanding of most elements of the content being assessed. They can consistently develop and apply their understanding to different contexts, situations and problems, including those which are more complex or less familiar.

Responses to higher order tasks involving detailed discussion, evaluation and analysis are successful in most cases.

Most skills and processes relevant to the subject, including more advanced ones, are well developed and consistently executed, leading to high quality outcomes.

## 6 Non examined assessment (NEA) units

This section gives guidance on completing the NEA units. In the NEA units, students build a portfolio of evidence to meet the assessment criteria for the unit.

Assessment for these qualifications **must** adhere to JCQ's **Instructions for Conducting Coursework**. Do **not** use JCQ's Instructions for Conducting Non-examination Assessments – these are only relevant to GCE and GCSE specifications.

The NEA units are centre-assessed and externally moderated by us.

You **must** read and understand all the rules and guidance in this section **before** your students start the set assignments.

If you have any questions, please contact us for help and support.

## 6.1 Preparing for NEA unit delivery and assessment

#### 6.1.1 Centre and teacher/assessor responsibilities

We assume the teacher is the assessor for the NEA units.

**Before** you apply to us for approval to offer these qualifications you must be confident your centre can fulfil all the responsibilities described below. Once you're approved, you can offer any of our general qualifications, Cambridge Nationals or Cambridge Advanced Nationals **without** having to seek approval for individual qualifications.

Here's a summary of the responsibilities that your centre and teachers must be able to fulfil. It is the responsibility of the head of centre<sup>1</sup> to make sure our requirements are met. The head of centre must ensure that:

- there are enough trained or qualified people to teach and assess the expected number of students you have in your cohorts.
- teaching staff have the relevant level of subject knowledge and skills to deliver and assess these qualifications.
- teaching staff will fully cover the knowledge, understanding and skills requirements in teaching and learning activities.
- allowed combinations of units are considered at the start of the course to be confident that all students can access a valid route through the qualifications.
- all necessary resources are available for teaching staff and students during teaching and assessment activities. This gives students every opportunity to meet the requirements of the qualification and reach the highest grade possible.
- there is a system of internal standardisation in place so that all assessment decisions for centre-assessed assignments are consistent, fair, valid and reliable (see Section 6.4.3).
- there is enough time for effective teaching and learning, assessment and internal standardisation.
- processes are in place to make sure that students' work is individual and confirmed as authentic (see **Section 6.2.1**).

<sup>&</sup>lt;sup>1</sup> This is the most senior officer in the organisation, directly responsible for the delivery of OCR qualifications, For example, the headteacher or principal of a school/college. The head of centre accepts full responsibility for the correct administration and conduct of OCR exams.

- OCR-set assignments are used for students' summative assessments.
- OCR-set assignments are **not** used for practice. Sample assessment material for each of the NEA units is available on the OCR website. This sample assessment material can be used for practice purposes.
- students understand what they need to do to achieve the criteria.
- students understand what it means when we say work must be authentic and individual and they (and you) follow our requirements to make sure their work is their own.
- students know they must not reference another individual's personal details in any evidence produced for summative assessment, in accordance with the Data Protection Act 2018 and the UK General Data Protection Regulations (UK GDPR). It is the student's responsibility to make sure evidence that includes another individual's personal details is anonymised.
- outcomes submitted to us are correct and are accurately recorded.
- assessment of set assignments adheres to the JCQ Instructions for Conducting Coursework and JCQ Al Use in Assessments: Protecting the Integrity of Qualifications.
- a declaration is made at the point you're submitting any work to us for assessment that confirms:
  - all assessment is conducted according to the specified regulations identified in the Administration area of our website,
  - students' work is authentic.
  - marks have been transcribed accurately.
- centre records and students' work are kept according to these requirements:
  - students' work must be kept until after the unit has been awarded and any review of results or appeals processed. We cannot consider any review if the work has not been kept.
  - o internal standardisation and assessment records must be kept securely for a minimum of three years after the date we've issued a certificate for a qualification.
- all cases of suspected malpractice involving teachers or students are reported (see Section 6.3.1).

## 6.2 Requirements and guidance for delivering and marking the OCR-set assignments

The assignments are:

- set by us.
- taken under supervised conditions (unless we specify otherwise in the assessment guidance)
- assessed by the teacher.
- moderated by us.

You can find the set assignments on our secure website, **Teach Cambridge**.

The set assignments give an approximate time that it will take to complete all the tasks. These timings are for guidance only, but should be used by you, the teacher, to give students an indication of how long to spend on each task. You can decide how the time should be allocated between each task or part task. Students can complete the tasks and produce the evidence across

several sessions. Students' evidence (either hard copy or digital) must be kept securely by the teacher and access to assessment responses must be controlled. Students aren't permitted to access their work in between the assessment sessions.

We will publish a new set assignment each year and they will be live for 2 years(s). Each new set assignment will be released on 1 June. You must check our secure website, **Teach Cambridge**, and use a set assignment that is live for assessment. The live assessment dates will be shown on the front cover alongside the intended cohort. You should use the set assignment released in the same calendar year as the new cohort starts to ensure they have two years for that assignment. Students are allowed one resubmission of work based on the same live assignment.

You must have made unit entries before submitting NEA work for moderation.

**Appendix A** of this specification gives guidance for creating electronic evidence for the NEA units. Read Appendix A in conjunction with the unit content and assessment criteria grids to help you plan the delivery of each unit.

The rest of this section is about how to manage the delivery and marking of the set assignments so that assessment is valid and reliable. Please note that failing to meet these requirements might be considered as malpractice.

Here is a summary of what you need to do.

#### You must:

- have covered the knowledge, understanding and skills with your students and be sure they are ready for assessment **before** you start the summative assessment. This may include students practising applying their learning and receiving feedback from teachers in preparing to take the assessment.
- use an OCR-set assignment for summative assessment of the students.
- give students the **Student Guide** before they start the assessment.
- familiarise yourself with the assessment guidance relating to the tasks. The assessment guidance for each unit is in **Section 4** after the assessment criteria grids and with the student tasks in the assignments.
- make sure students are clear about the tasks they must complete and the assessment criteria they are attempting to meet.
- give students a reasonable amount of time to complete the assignments and be fair and consistent to all students. The estimated time we think each assignment should take is stated in the OCR-set assignments. In that time students can work on the tasks under the specified conditions until the date that you collect the work for centre assessment.
- tell the students the resources they can use in the assignment before they start the assessment tasks.
- only give students OCR-provided templates. If they choose to use a different template from a book, a website or course notes (for example, to create a plan) they must make sure the source is referenced.
- monitor students' progress to make sure work is capable of being assessed against the assessment criteria, on track for being completed in good time and is the student's own work:
  - NEA work must be completed in the centre under teacher supervision in normal curriculum time:
    - work must be completed with enough supervision to make sure that it can be authenticated as the student's own work. You must be familiar with the requirements

## of the JCQ document Al Use in Assessments: Protecting the Integrity of Qualifications before assessment starts.

 there may be exceptions to the requirement for supervised conditions if there is work to complete to support the assignment tasks (e.g. research). The assignment and assessment guidance will specify if there are exceptions.

Where students are allowed to complete work outside of supervised conditions (e.g. research that may be allowed between supervised sessions) you **must** make sure that they only bring notes relating to the work they are allowed to complete unsupervised into the supervised sessions (e.g. notes relating to the research they have done) and to make sure any work they have done is independent. They **must not** use unsupervised time as an opportunity to:

- Create drafts of work for their tasks.
- Gather information to use in other aspects of their tasks.
- if you provide any material to prepare students for the set assignment, you must adhere to the rules on using referencing and on acceptable levels of guidance to students. This is in section **6.2.3 and 6.3**.
- students must produce their work independently (see sections 6.2.1 and 6.3).
- you must make sure students know to keep their work and passwords secure and know that they must not share completed work with other students, use any aspect of another student's work or share their passwords.
- complete the **Teacher Observation Record** that is with the assignments for tasks that state it is needed. You **must** follow the guidance given when completing it.
- use the assessment criteria to assess students' work.
- before submitting a final outcome to us, you can allow students to repeat any part of the assignment and rework their original evidence. But any feedback you give to students on the original (assessed) evidence, must:
  - o only be generic.
  - be recorded.
  - be available to the OCR assessor.

(See Section 6.3 on Feedback and Section 6.4.4 on resubmitting work).

#### You must not:

- change any part of the OCR-set assignments (scenarios or tasks).
- accept multiple reattempts of work where small changes have been made in response to feedback.
- allow teachers or students to add, amend or remove any work **after** submission for moderation by OCR. This will constitute malpractice.
- give detailed advice and suggestions to individuals or the whole class on how work may be improved to meet the assessment criteria. This includes giving access to student work as an exemplar.
- allow students access to their assignment work between teacher supervised sessions. (There may be exceptions where students are allowed to complete work independently (e.g. research). Any exceptions will be stated in the assignments.)
- practise the live OCR-set assignment tasks with the students.

#### 6.2.1 Ways to authenticate work

You must use enough supervision and complete enough checks to be confident that the work you mark is the student's own and was produced independently.

Where possible, you should discuss work in progress with students. This will make sure that work is being completed in a planned and timely way and will give you opportunities to check the authenticity of the work.

#### You must:

- have read and understood the JCQ document Al Use in Assessments: Protecting the Integrity of Qualifications.
- make sure students and other teachers understand what constitutes plagiarism.
- not accept plagiarised work as evidence.
- use supervision and questioning as appropriate to confirm authenticity.
- make sure students and teachers fill in declaration statements.

#### 6.2.2 Plagiarism

Students must use their own words when they produce final written pieces of work to show they have genuinely applied their knowledge and understanding. When students use their own words, ideas and opinions, it reduces the possibility of their work being identified as plagiarised. Plagiarism is:

- the submission of someone else's work as your own
- failure to acknowledge a source correctly, including any use of Artificial Intelligence (AI).

You might find the following JCQ documents helpful:

- Plagiarism in Assessments
- Al Use in Assessments: Protecting the Integrity of Qualifications

Due to increasing advancements in AI technology, we strongly recommend that you are familiar with the likely outputs from AI tools. This could include using AI tools to produce responses to some of the assignment tasks, so that you can identify typical formats and wording that these may produce. This may help you identify any cases of potential plagiarism from students using AI tools to generate written responses.

Plagiarism makes up a large percentage of cases of suspected malpractice reported to us by our assessors. You must **not** accept plagiarised work as evidence.

Plagiarism often happens innocently when students do not know that they must reference or acknowledge their sources or aren't sure how to do this. It's important to make sure your students understand:

- the meaning of plagiarism and what penalties may be applied.
- that they can refer to research, quotations or evidence produced by somebody else, but they must list and reference their sources and clearly mark quotations.
- quoting someone else's work, even when it's properly sourced and referenced, doesn't
  evidence understanding. The student must 'do' something with that information to show they
  understand it. For example, if a student has to analyse data from an experiment, quoting data
  doesn't show that they understand what it means. The student must interpret the data and, by
  relating it to their assignment, say what they think it means. The work must clearly show how

the student is using the material they have referenced to inform their thoughts, ideas or conclusions.

We have **The OCR Guide to Referencing** on our website. We have also produced a **poster** about referencing and plagiarism which may be useful to share with your students.

Teach your students how to reference and explain why it's important to do it. At Key Stage 5 they must:

- use quote marks to show the beginning and end of the copied work.
- list the html address for website text and the date they downloaded information from the website.
- for other publications, list:
  - the name of the author.
  - o the name of the resource/book/printed article.
  - o the year in which it was published.
  - o the page number.

Teach your students to:

- always reference material copied from the internet or other sources. This also applies to infographics (graphical information providing data or knowledge).
- always identify information they have copied from teaching handouts and presentations for the unit, using quote marks and stating the text is from class handouts.

#### Identifying copied/plagiarised work

Inconsistencies throughout a student's work are often indicators of plagiarism. For example:

- different tones of voice, sentence structure and formality across pieces of work.
- use of American expressions, spellings and contexts (such as American laws and guidelines).
- dated expressions and references to past events as being current.
- sections of text in a document where the font or format is inconsistent with other sections.

#### What to do if you think a student has plagiarised

If you identify plagiarised work during assessment or internal standardisation, you must:

- consider the plagiarism when judging the number of assessment criteria achieved.
  - if the work is part of the moderation sample, it must be included with the other work provided to the OCR assessor. You must add a note on the Unit Recording Sheet to state that there is plagiarism in the work and the number of criteria achieved has been adjusted accordingly.
- report the student(s) for plagiarism in line with the JCQ document Suspected Malpractice
   Policies and Procedures
  - o fill in the JCQ form M1.

In line with JCQ's policies and procedures on suspected malpractice, the penalties applied for plagiarism will usually result in the work not being allowed or the mark being significantly reduced.

#### 6.3 Feedback

#### Feedback to students on work in progress towards summative assessment

You can discuss work in progress towards summative assessment with students to make sure it's being done in a planned and timely way. It also provides an opportunity to check the authenticity of the work. You must intervene if there's a health and safety risk (and reflect this in your assessment if the student's ability to operate safely and independently if that is part of the criteria).

Generic guidance to the whole class is also allowed. This could include reminding students to check they have provided evidence to cover all key aspects of the task. Individual students can be prompted to double check for gaps in evidence providing that specific gaps are not pointed out to them.

You can give general feedback and support if one or more students are struggling to get started on an aspect of the assignment or following a break between sessions working on the assignment. For example, if a student is seeking more guidance that suggests they are not able to apply knowledge, skills and understanding to complete their evidence, you can remind them that they had a lesson which covered the topic. The student would then need to review their own notes to find this information and apply it as needed.

If a student needs additional help to get started on an initial task that is critical to accessing the rest of the assessment, you can provide this help if you feel it is necessary, but you must not award the student with any assessment criteria directly associated with the part(s) of the task for which they received help.

With the exception of the specific feedback allowed to help students start a critical task, mentioned above, feedback must not provide specific advice and guidance that would be construed as coaching. This would compromise the student's ability to independently perform the task(s) they are doing and constitutes malpractice. Our assessors use a number of measures to assure themselves the work is the student's own.

Once work has been assessed, you must give feedback to students on the work they submitted for assessment.

#### Feedback must:

- be supportive, encouraging and positive.
- tell the student what has been noticed, not what the teacher thinks (for example, if you have observed the student completing a task, you can describe what happened, what was produced and what was demonstrated).

#### Feedback can:

- identify what task and part of the task could be improved, but not say how to improve it. You could show the student work from a different unit that demonstrates higher achievement, but you must not detail to the student how they could achieve that in their work. If you are using another student's work from a different unit as an example, you must anonymise this work and make sure that the potential to plagiarise from this work is minimised. You could remind students that they had a lesson on a specific topic and that they could review their notes, but you must not tell them how they could apply the teaching to improve their work.
- comment on what has been achieved, for example 'the evidence meets the P2 and M2 criteria'.
- identify that the student hasn't met a command word or assessment criteria requirement. For example, 'This is a description, not an evaluation'.

• use text from the specification, assignment or assessment criteria in general guidance to clarify what is needed in the work. For example, 'You identified three appropriate pieces of equipment to support your chosen individual (P7 – F092)'

#### Feedback must not:

- point out specific gaps. For example, you must not prompt the student to include specific detail
  in their work, such as 'You need to add some peer feedback to illustrate what you are saying'.
- be so detailed that it leads students to the answer. For example, you must not give:
  - model answers.
  - o step-by-step guidance on what to do to complete or improve work.
  - headings or templates that include examples which give all or part of what students have to write about or produce.
- talk the student through how to achieve or complete the task.
- give detail on where to find information/evidence.

In other words, feedback must help the student to take the initiative in making changes. It must not direct or tell the student what to do to complete or improve their work in a way that means they do not need to think how to apply their learning. Students need to recall or apply their learning. You must not do the work for them.

Neither you nor the student can add, amend or remove any work after the final mark has been submitted for moderation

Sections **6.4.4** and **6.4.6** give more guidance for students who wish to reattempt or resubmit their work following feedback.

#### What over-direction might look like

When we see anything that suggests the teacher has led students to the answer, we become concerned because it suggests students have not worked independently to produce their assignment work. The following are examples of what might indicate over-direction by the teacher:

- prompts that instruct students to include specific detail in their work, such as, 'You need to include the aims of the activity. Who is it aimed at? What is the purpose of the activity? How will it benefit the specific group/individual?
- headings or templates that include examples which give all or part of what students have to write about or produce, such as sources of support.

OCR Assessors will report suspected malpractice when they cannot see differences in content between students' work in the sample they are moderating. An exception is when students have only used and referenced technical facts and definitions. If the OCR assessor is in any doubt, they will report suspected malpractice. The decision to investigate or not is made by us, not the assessor.

#### 6.3.1 Reporting suspected malpractice

It is the responsibility of the head of centre to report all cases of suspected malpractice involving teachers or students.

A JCQ Report of Suspected Malpractice form (JCQ/M1 for student suspected malpractice or JCQ/M2 for staff suspected malpractice) is available to download from the **JCQ website**. The form must be completed as soon as possible and emailed to us at **malpractice@ocr.org.uk**.

When we ask centres to gather evidence to assist in any malpractice investigation, heads of centres must act promptly and report the outcomes to us.

The JCQ document **Suspected Malpractice Policies and Procedures** has more information about reporting and investigating suspected malpractice, and the possible sanctions and penalties which could be imposed. You can also find out more on our **website**.

#### 6.3.2 Student and centre declarations

Both students and teachers must declare that the work is the student's own:

- each student must sign a declaration before submitting their work to their teacher. A
   candidate authentication statement can be used and is available to download from our
   website. You must keep these statements in the centre until all enquiries about results,
   malpractice and appeal issues have been resolved. You must record a mark of zero if a
   student cannot confirm the authenticity of their work.
- teachers must declare the work submitted for centre assessment is the students' own work by completing a centre authentication form (CCS160) for each cohort of students for each unit. You must keep centre authentication forms in the centre until all post-results issues have been resolved.

#### 6.3.3 Generating evidence

The set assignments will tell the students what they need to do to meet the assessment criteria for the NEA units. It is your responsibility to make sure that the methods of generating evidence for the assignments are:

- valid
- safe and manageable
- suitable to the needs of the student.

#### Valid

The evidence presented must be valid. For example, it would not be appropriate to present an organisation's equal opportunities policy as evidence towards a student's understanding of how the equal opportunities policy operates in an organisation. It would be more appropriate for the student to incorporate the policy in a report describing the different approaches to equal opportunities.

#### Safe and manageable

You must make sure that methods of generating evidence are safe and manageable and do not put unnecessary demands on the student.

#### Suitable to the needs of the student

We are committed to ensuring that achievement of these qualifications is free from unnecessary barriers.

#### Observation and questioning

The primary evidence for assessment is the work submitted by the student, however the following assessment methods might be suitable for teachers/assessors to use for some aspects of these qualifications, where identified:

- observation of a student doing something
- questioning of the student or witness.

#### Observation

The teacher/assessor and student should plan observations together, but it is the teacher's/assessor's responsibility to record the observation properly (for example observing a student undertaking a practical task). More information is in the Teacher Observation Records section.

#### Questioning

Questioning the student is normally an ongoing part of the formative assessment process and may, in some circumstances, provide evidence to support achievement of the criteria.

Questioning is often used to:

- test a student's understanding of work which has been completed outside of the classroom
- check if a student understands the work they have completed
- collect information on the type and purpose of the processes a student has gone through.

If questioning is used as evidence towards achievement of specific topic areas, it is important that teachers/assessors record enough information about what they asked and how the student replied, to allow the assessment decision to be moderated.

#### 6.3.4 Teacher Observation Records

You must complete the Teacher Observation Record form in the OCR-set assignment for:

**Unit F092** for each student as evidence of explaining the outline plan using effective communication skills (Task 2, Topic Areas 1, 2 and 3). The Teacher Observation Record form must provide evidence of a student explaining the outline plan using effective communication skills, alongside evidence such as the written outline plan, presentation slides, feedback forms or digital recordings/photographic evidence.

**Unit F095** for each student as evidence of delivering the presentation about the proposal (Task 3, Topic Areas 1, 2 and 3). The Teacher Observation Record form must provide evidence of a student delivering the presentation about the proposal, alongside evidence such as the presentation slides, script, speaker notes or digital recordings/photographic evidence.

**Unit F096** for each student as evidence of delivering the advice and guidance session and using appropriate communication skills (Task 3, Topic Area 3). The Teacher Observation Record form must provide evidence of a student delivering the advice and guidance session and using appropriate communication skills, alongside evidence such as the presentation slides, script, speaker notes, feedback forms or digital recordings/photographic evidence.

Teacher observation **cannot** be used as evidence of achievement for a whole unit. Most evidence **must** be produced directly by the student. Teacher observation **must only** be used where specified as an evidence requirement.

Teacher Observation Records must be suitably detailed for each student, to help assessors to determine if the assessment criteria have been met. You must follow the guidance provided in the

'guidance notes' section of the form so that the evidence captured and submitted is appropriate. Both you and the student must sign and date the form to show that you both agree its contents.

Where the guidance has not been followed, the reliability of the form as evidence may be called into question. If doubt about the validity of the Teacher Observation Record form exists, it cannot be used as assessment evidence and marks based on it cannot be awarded. OCR assessors will be instructed to adjust centre marks accordingly.

#### 6.3.5 Presentation of the final piece of work

Students must submit their evidence in the format specified in the tasks where specific formats are given. Written work can be digital (e.g. word processed) or hand-written and tables and graphs (if relevant) can be produced using appropriate ICT.

Any sourced material must be suitably acknowledged. Quotations must be clearly marked and a reference provided.

A completed Unit Recording Sheet (URS) must be attached to work submitted for moderation.

The URS can be downloaded from the qualification webpage. Centres **must** show on the URS where specific evidence can be found. The URS tells you how to do this.

Work submitted digitally for moderation should be on electronic media (for example, on our portal, CD or USB Drive). Work **must** be in a suitable file format and structure. **Appendix A** gives more guidance about submitting work in digital format.

## 6.4 Assessing NEA units

All NEA units are assessed by teachers and externally moderated by OCR assessors. Assessment of the set assignments must adhere to JCQ's **Instructions for Conducting Coursework**.

The centre is responsible for appointing someone to act as the internal assessor. This would usually be the teacher who has delivered the programme but could be another person from the centre. The assessment criteria must be used to assess the student's work. These specify the levels of skills, knowledge and understanding that the student needs to demonstrate.

#### 6.4.1 Applying the assessment criteria

When students have completed the assignment, they must submit their work to you to be assessed.

You must assess the tasks using the assessment criteria and any additional assessment guidance provided. Each criterion states what the student needs to do to achieve that criterion (e.g. Explain the outline plan using effective communication skills). The command word and assessment guidance provide additional detail about breadth and depth where it is needed.

You must judge whether each assessment criterion has been **successfully achieved** based on the evidence that a student has produced. For the criterion to be achieved, the evidence must show that all aspects have been met in sufficient detail.

When making a judgement about whether a criterion has been **successfully achieved**, you must consider:

- the requirements of the NEA task
- the criterion wording, including the command word used and its definition
- any assessment guidance for the criterion
- the unit content that is being assessed.

You must annotate the work to show where evidence meets each criterion (see **Section 6.4.2**). You can then award the criterion on the Unit Recording Sheet (URS). Assessment should be positive, rewarding achievement rather than penalising failure or omissions.

The number of criteria needed for each unit grade (Pass, Merit or Distinction) is provided in **Section 5**.

You must complete a Unit Recording Sheet (URS) for each unit a student completes. On the URS you must identify:

- whether the student has met each criterion or not (by adding a tick (✓) or X in the column titled
   Assessment criteria achieved)
  - o you should also indicate where the evidence can be found if a ' $\checkmark$ ' is identified.
  - a X indicates that there is insufficient evidence to fully meet the criterion or it was not attempted.
- the total number of criteria achieved by the student for the unit.

You must be convinced, from the evidence presented, that students have worked independently to the required standard.

Your centre must internally standardise the assessment decisions for the cohort **before** you give feedback to students (see **Section 6.4.3**). When you are confident the internal assessment and standardisation process is complete, you can submit work for moderation at the relevant time. You **must not** add, amend or remove any work after it has been submitted to us for final moderation.

#### 6.4.2 Annotating students' work

Each piece of NEA work must show how you are satisfied the assessment criteria have been met.

Comments on students' work and the Unit Recording Sheet (URS) provide a means of communication between teachers during internal standardisation, and with the OCR assessor if the work is part of the moderation sample.

#### 6.4.3 Internal standardisation

It is important that all teachers are assessing work to common standards. For each unit, centres must make sure that internal standardisation of outcomes across teachers and teaching groups takes place using an appropriate procedure.

This can be done in a number of ways. In the first year, reference material and OCR training meetings will provide a basis for your centre's own standardisation. In following years, this, and/or your own centre's archive material, can be used. We advise you to hold preliminary meetings of staff involved to compare standards through cross-marking a small sample of work. After you have completed most of the assessment, a further meeting at which work is exchanged and discussed will help you make final adjustments.

If you are the only teacher in your centre assessing these qualifications, we still advise you to make sure your assessment decisions are internally standardised by someone else in your centre. Ideally this person will have experience of these types of qualifications, for example someone who:

- is delivering a similar qualification in another subject.
- has relevant subject knowledge.

You must keep evidence of internal standardisation in the centre for the OCR assessor to see.

We have a **guide** to how internal standardisation can be approached on our website.

#### 6.4.4 Reattempting work to improve the grade before submitting marks to OCR

As described in **section 6.2, before** submitting a final outcome to us for external moderation, you can allow students to repeat any element of the assignment and rework their original evidence. We refer to this as a reattempt. A reattempt allows the student to reflect on **internal** feedback, and to improve their work. A reattempt is **not** an iterative process where students make small modifications through ongoing feedback to eventually achieve the desired outcome. Any feedback **must** be noted by the teacher and a record of this kept in centre. We have provided a feedback form for this purpose, which can be found in the OCR website.

A reattempt must be done before submission for external moderation. When a student submits the work to you as final for external moderation, they cannot complete any further work on any aspect of it.

#### 6.4.5 Submitting outcomes

When you have assessed the work and it has been internally standardised, outcomes can be submitted to us. For the purpose of submission, outcomes will be considered as 'marks'. You will submit the total number of criteria achieved for units as marks. You can find the key dates and timetables on our **website**.

There should be clear evidence that work has been attempted and some work produced. If a student does not submit any work for a NEA unit, the student should be identified as being absent from that unit.

If a student completes any work at all for a NEA unit, you must assess the work using the assessment criteria and award the appropriate number of criteria. This might be zero.

#### 6.4.6 Resubmitting moderated work to OCR to improve the grade

We use the term 'resubmission' when referring to student work that has previously been submitted to OCR for moderation. Following OCR moderation, if you and the student feel they have not performed at their best during the assessment, the student can, with your agreement, improve their work and resubmit it to you again for assessment. You must be sure it is in the student's best interests to resubmit the work for assessment. There is one resubmission opportunity per NEA assignment.

Students can only resubmit work using the **same** assignment if the assignment is still live. The live assessment dates and intended cohort will be shown on the front cover of the assignment. We will not accept work based on an assignment that is no longer live.

If students wish to resubmit a unit after the live assessment date has passed, they must submit work using the new live assignment.

## 6.5 Moderating NEA units

The purpose of external moderation is to make sure that the standard of assessment is the same for all centres and that internal standardisation has taken place.

The administration pages of our **website** give full details about how to submit work for moderation.

This includes the deadline dates for entries and submission of marks. For moderation to happen, you must submit your marks by the deadline.

#### 6.5.1 Sample requests

Once you have submitted your marks, we will tell you which work will be sampled as part of the moderation process. Samples will include work from across the range of students' attainment. Copies of students' work must be kept until after their qualifications have been awarded and any review of results or appeals processed.

Centres will receive the final outcomes of moderation when the provisional results are issued. Results reports will be available for you to access. More information about the reports that are available is on our website.

We need sample work to help us monitor standards. We might ask some centres to release work for this purpose. We will let you know as early as possible if we need this from you. We always appreciate your co-operation.

### 7 Administration

This section gives an overview of the processes involved in administering these qualifications. Some of the processes require you to submit something to OCR by a specific deadline. More information about the processes and deadlines involved at each stage is on our **administration pages**.

## 7.1 Assessment availability

There are two assessment opportunities available each year for the externally assessed units: one in January and one in June. Students can be entered for different units in different assessment series.

All students must take the exams at a set time on the same day in a series.

NEA assignments can be taken by students at any time during the live period shown on the front cover. It is important you use the set assignment that is released in the same calendar year as the new cohort starts to ensure that students have two years to use the assignment.

There are two windows each year to submit NEA outcomes. Submission of student outcomes will initiate the moderation visit by the OCR Assessor.

You must make unit entries for students before you can submit outcomes to request a visit. All dates relating to NEA moderation are on our administration pages.

Qualification certification is available at each results release date.

# 7.2 Collecting evidence of student performance to ensure resilience in the qualifications system

Regulators have published guidance on collecting evidence of student performance as part of long-term contingency arrangements to improve the resilience of the qualifications system. You should review and consider this guidance when delivering this gualification to students at your centre.

For more detailed information on collecting evidence of student performance please visit our website.

## 7.3 Equality Act information relating to Cambridge Advanced Nationals

The Cambridge Advanced Nationals require assessment of a broad range of skills and, as such, prepare students for further study and higher-level courses.

The Cambridge Advanced National qualifications have been reviewed to check if any of the competences required present a potential barrier to disabled students. If this was the case, the situation was reviewed again to make sure that such competences were included only where essential to the subject.

## 7.4 Accessibility

There can be adjustments to standard assessment arrangements based on the individual needs of students. It is important that you identify as early as possible if students have disabilities or particular difficulties that will put them at a disadvantage in the assessment situation and that you choose a qualification or adjustment that allows them to demonstrate attainment.

If a student requires access arrangements that need approval from us, you must use **Access arrangements (online)** to gain approval. You must select the appropriate qualification type(s) when you apply. Approval for GCSE or GCE applications alone does not extend to other

qualification types. You can select more than one qualification type when you make an application. For quidance or support please contact the **OCR Special Requirements Team**.

The responsibility for providing adjustments to assessment is shared between your centre and us. Please read the JCQ document **Access Arrangements and Reasonable Adjustments**.

If you have students who need a post-exam adjustment to reflect temporary illness, indisposition or injury when they took the assessment, please read the JCQ document **A guide to the special consideration process.** 

If you think any aspect of these qualifications unfairly restricts access and progression, please email **Support@ocr.org.uk** or call our Customer Support Centre on **01223 553998**.

The following access arrangements are allowed for this specification:

Access arrangement	Type of assessment
Reader/Computer reader	All assessments
Scribes/Speech recognition technology	All assessments
Practical assistants	All assessments
Word processors	All assessments
Communication professional	All assessments
Language modifier	All assessments
Modified question paper	Timetabled exams
Extra time	All assessments with time limits

## 7.5 Requirements for making an entry

We provide information on key dates, timetables and how to submit marks on our website.

Your centre must be registered with us to make entries. We recommend that you apply to become a registered centre with us well in advance of making your first entries. Details on how to register with us are on our **website**.

It is essential that unit entry codes are stated in all correspondence with us.

#### 7.5.1 Making estimated unit entries

Estimated entries are not needed for Cambridge Advanced National qualifications.

#### 7.5.2 Making final unit entries

When you make an entry, you must state the unit entry codes and the component codes. Students submitting work must be entered for the appropriate unit entry code from the table below.

The short title for these Cambridge Advanced Nationals is CAN AAQ. This is the title that will be displayed on our secure website, **Teach Cambridge**, and some of our administrative documents.

You do not need to register your students first. Individual unit entries should be made for each series in which you intend to submit or resubmit a NEA unit or sit an externally assessed examination.

Make a certification entry using the overall qualification code (see **Section 7.5**) in the final series only.

Unit entry code	Component code	Assessment method	Unit titles
F090	01	Written paper	Principles of health and social care
F091	01	Written paper	Anatomy and physiology for health and social care
F092A	01	Visiting	Person-centred approach to care
F092B	02	Remote	Person-centred approach to care
F093A	01	Visiting	Supporting people with mental health conditions
F093B	02	Remote	Supporting people with mental health conditions
F094A	01	Visiting	Supporting people with long term physiological conditions
F094B	02	Remote	Supporting people with long term physiological conditions
F095A	01	Visiting	Investigating public health
F095B	02	Remote	Investigating public health
F096A	01	Visiting	Supporting people in relation to sexual health, pregnancy and postnatal health
F096B	02	Remote	Supporting people in relation to sexual health, pregnancy and postnatal health
F097A	01	Visiting	Supporting healthy nutrition and lifestyles
F097B	02	Remote	Supporting healthy nutrition and lifestyles

#### 7.6 Certification rules

You must enter students for qualification certification separately from unit assessment(s). If a certification entry is **not** made, no overall grade can be awarded. These are the qualifications that students should be entered for:

- OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Certificate) - certification code H025.
- OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Health and Social Care (Extended Certificate) certification code H125.

## 7.7 Unit and qualification resits

Students can resit each unit and the best result will be used to calculate the certification result.

Resit opportunities must be fair to all students and **not** give some students an unfair advantage over other students. For example, the student must not have direct guidance and support from the teacher in producing further evidence for NEA units. When resitting a NEA unit, students must submit new, amended or enhanced work, as detailed in the JCQ **Instructions for Conducting Coursework**.

When you arrange resit opportunities, you must make sure that you do not adversely affect other assessments being taken.

Arranging a resit opportunity is at the centre's discretion. Summative assessment series must not be used as a diagnostic tool and resits should only be planned if the student has taken full advantage of the first assessment opportunity and any formative assessment process.

#### 7.8 Post-results services

A number of post-results services are available:

- Reviews of results if you think there might be something wrong with a student's results, you may submit a review of marking or moderation.
- Missing and incomplete results if an individual subject result for a student is missing, or the student has been omitted entirely from the results supplied you should use this service.
- Access to scripts you can ask for access to marked scripts.
- Late certification following the release of unit results, if you have not previously made a certification entry, you can make a late request, which is known as a **late certification**. This is a free service.

Please refer to the JCQ **Post-Results Services booklet** and the **OCR Administration page** for more guidance about action on the release of results.

For NEA units the enquiries on results process cannot be carried out for one individual student; the outcome of a review of moderation must apply to a centre's entire cohort.

# Appendix A: Guidance for the production of electronic evidence

#### Structure for evidence

The NEA units in these qualifications are units F092-F097. For each student, all the tasks together will form a portfolio of evidence, stored electronically. Evidence for each unit must be stored separately.

A NEA portfolio is a collection of folders and files containing the student's evidence. Folders should be organised in a structured way so that the evidence can be accessed easily by a teacher or OCR assessor. This structure is commonly known as a folder tree. It would be helpful if the location of particular evidence is made clear by naming each file and folder appropriately and by use of an index called 'Home Page'.

There should be a top-level folder detailing the student's centre number, OCR candidate number, surname and forename, together with the unit code (F092–F097), so that the portfolio is clearly identified as the work of one student.

Each student's portfolio should be stored in a secure area on the centre's network. Before submitting the portfolio to OCR, the centre should add a folder to the folder tree containing the internal assessment and summary forms.

#### Data formats for evidence

It is necessary to save students' work using an appropriate file format to minimise software and hardware capability issues.

Students must use formats appropriate:

- to their evidence
- for viewing for assessment and moderation.

Formats must be open file formats or proprietary formats for which a downloadable reader or player is available. If a downloadable reader or player is not, the file format is **not** acceptable.

Evidence submitted is likely to be in the form of word-processed documents, presentation documents, digital photos and digital video.

All files submitted electronically must be in the formats listed on the following page. Where new formats become available that might be acceptable, we will give more guidance. It is the centre's responsibility to make sure that the electronic portfolios submitted for moderation are accessible to the OCR assessor and fully represent the evidence available for each student.

Standard file formats acceptable as evidence for the Cambridge Advanced Nationals are listed here.

File type	File format	Max file size*
Audio	.3g2 .3ga .aac .aiff .amr .m4a .m4b .m4p .mp3 .wav	25GB
Compression	.zip .zipx .rar .tar .tar .gz .tgz .7z .zipx .zz	25GB
Data	.xls .xlsx .mdb .accdb .xlsb	25GB
Document	.odt .pdf .rtf .txt .doc .docx .dotx .	25GB
Image	.jpg .png .jpeg .tif .jfif .gif .heic .psd .dox .pcx .bmp .wmf	25GB
Presentation	.ppt .pptx .pdf .gslides .pptm .odp .ink .potx .pub	25GB
Video	.3g2 .3gp .avi .flv .m4v .mkv .mov .mp4 .mp4v .wmp .wmv	25GB
Web	.wlmp .mts .mov-1 .mp4-1 .xspf .mod .mpg	25GB

If you are using .pages as a file type, please convert this to a .pdf prior to submission.

**Submit for Assessment** is our secure web-based submission service. You can access Submit for Assessment on any laptop or desktop computer running Windows or macOS and a compatible browser. It supports the upload of files in the formats listed in the table above as long as they do not exceed the maximum file size. Other file formats and folder structures can be uploaded within a compressed file format.

When you view some types of files in our Submit for Assessment service, they will be streamed in your browser. It would help your OCR assessor or examiner if you could upload files in the format shown in the table below:

File type	File format	Chrome	Firefox
Audio	.mp3	Yes	Yes
Audio	.m4a	Yes	Yes
Audio	.aac	No	Yes
Document	.txt	Yes	Yes
Image	.png	Yes	Yes
Image	.jpg	Yes	Yes
Image	.jpeg	Yes	Yes
Image	.gif	Yes	Yes
Presentation	.pdf	Yes	Yes
Video	.mp4	Yes	Yes
Video	.mov	No	Yes
Video	.3gp	Yes	No
Video	.m4v	Yes	Yes
Web	.html	Yes	Yes
Web	.htm	Yes	Yes

<sup>\*</sup>max file size is only applicable if using our Submit for Assessment service.

## **Appendix B: Command Words**

#### **External assessment**

The table below shows the command words that will be used in exam questions. This shows what we mean by the command word and how students should approach the question and understand its demand. Remember that the rest of the wording in the question is also important.

Command Word	Meaning	
Analyse	<ul> <li>Separate or break down information into parts and identify their characteristics or elements</li> <li>Explain the different elements of a topic or argument and make reasoned comments</li> <li>Explain the impacts of actions using a logical chain of reasoning</li> </ul>	
Annotate	Add information, for example, to a table, diagram or graph	
Calculate	Work out the numerical value. Show your working unless otherwise stated	
Choose	Select an answer from options given	
Compare	Give an account of the similarities and differences between two or more items or situations	
Complete	<ul> <li>Add information, for example, to a table, diagram or graph to finish it</li> </ul>	
Describe	Give an account that includes the relevant characteristics, qualities or events	
Discuss (how/whether/etc)	Present, analyse and evaluate relevant points (for example, for/against an argument) to make a reasoned judgement	
Draw	Produce a picture or diagram	
Explain	<ul> <li>Give reasons for and/or causes of something</li> <li>Make something clear by describing and/or giving information</li> </ul>	
Give examples	Give relevant examples in the context of the question	
Identify	Name or provide factors or features from stimulus	
Justify	Give valid reasons for offering an opinion or reaching a conclusion	
Label	<ul> <li>Add information, for example, to a table, diagram or graph until it is final</li> </ul>	
Outline	Give a short account or summary	
State	<ul><li> Give factors or features</li><li> Give short, factual answers</li></ul>	

#### Non examined assessment (NEA)

The table shows the command words that will be used in the NEA assignments and/or assessment criteria.

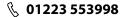
Command Word	Meaning
Adapt	Change to make suitable for a new use or purpose
Analyse	<ul> <li>Separate or break down information into parts and identify their characteristics or elements</li> <li>Explain the different elements of a topic or argument and make reasoned comments</li> </ul>
	<ul> <li>Explain the impacts of actions using a logical chain of reasoning</li> </ul>
Assess	<ul> <li>Offer a reasoned judgement of the standard or quality of situations or skills. The reasoned judgement is informed by relevant facts</li> </ul>
Calculate	<ul> <li>Work out the numerical value. Show your working unless otherwise stated</li> </ul>
Classify	Arrange in categories according to shared qualities or characteristics
Compare	<ul> <li>Give an account of the similarities and differences between two or more items, situations or actions</li> </ul>
Conclude	Judge or decide something
Describe	<ul> <li>Give an account that includes the relevant characteristics, qualities or events</li> </ul>
Discuss (how/whether/etc)	<ul> <li>Present, analyse and evaluate relevant points (for example, for/against an argument) to make a reasoned judgement</li> </ul>
Evaluate	<ul> <li>Make a reasoned qualitative judgement considering different factors and using available knowledge/experience</li> </ul>
Examine	To look at, inspect, or scrutinise carefully, or in detail
Explain	<ul> <li>Give reasons for and/or causes of something</li> <li>Make something clear by describing and/or giving information</li> </ul>
Interpret	<ul> <li>Translate information into recognisable form</li> <li>Convey one's understanding to others, e.g. in a performance</li> </ul>
Investigate	Inquire into (a situation or problem)
Justify	Give valid reasons for offering an opinion or reaching a conclusion
Research	Do detailed study in order to discover (new) information or reach a (new) understanding
Summarise	Express the most important facts or ideas about something in a short and clear form

We might also use other command words but these will be:

- commonly used words whose meaning will be made clear from the context in which they are used (e.g. create, improve, plan)
- subject specific words drawn from the unit content.

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