

Science

OCR J816 Unit R077 Level 1/Level 2 Cambridge Nationals Certificate in Science Unit Recording Sheet

Please read the instructions	printed at the en	d of this form. One of these sheets, suitably com	pleted, should be	e attached to the as	ssessed wor	k of each cand	lidate.				
Unit Title The scien	ce of fitnes	s and health		Unit Code	R077	Session	Jan/June/Nov	Year			
Centre Name							Centre Number	er			
Candidate Name							Candidate Nu	mber			
	Teacher Comments			Mark	Pag No						
L01: l	Understand th	e structure, function and control of the r	nusculoskeleta	al system							
MB1: 1 – 5 m	arks	MB2: 6 – 10 marks	ME	B3: 11 – 15 marl	ks						
A few components of the musculoskeletal system id Basic understanding of of the musculoskeletal system. Limited analysis of how musculoskeletal system is health and fitness.	lentified the functions stem the	Some components of the musculoskeletal system identified Detailed understanding of the functions of the musculoskeletal system Some detailed analysis of how the musculoskeletal system is affected by health and fitness	 Thorough functions of the system Detailed a musculoskele health and fit 	e data displayed	of the etal ne rected by						
	[1 2 3 4 5]	[6 7 8 9 10]		[11 12	13 14 15]						
LO	2: Understand	the structure, function and control of th	e circulatory s	system							
MB1: 1 – 5 marks		MB2: 6 – 10 marks	MB3: 11 – 15 marks								
A few components of the system identified Basic understanding of of the circulatory system Limited analysis of how circulatory system is affect and fitness	the functions	Some components of the circulatory system identified Detailed understanding of the functions of the circulatory system Some detailed analysis of how the circulatory system is affected by health and fitness	 system identif Thorough to functions of the Detailed an system is affer 	understanding of the circulatory systalysis of how circulated the circulated by health are the data displayed is	the tem culatory nd fitness						
	[1 2 3 4 5]	[6 7 8 9 10]		[11 12	13 14 15]						

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	Teacher Comments	Mark	Page No		
LO3: Understand	I the structure, function and control of th				
MB1: 1 – 5 marks	MB2: 6 – 10 marks	MB3: 11 – 15 marks			
A few components of the respiratory system identified Basic understanding of the functions of the respiratory system Limited analysis of how the respiratory system is affected by health and fitness	Some components of the respiratory system identified Detailed understanding of the functions of the respiratory system Some detailed analysis of how the respiratory system is affected by health and fitness	Most components of the respiratory system identified Thorough understanding of the functions of the respiratory system Detailed analysis of how the respiratory system is affected by health and fitness Quantitative data displayed in appropriate formats			
[1 2 3 4 5]	[6 7 8 9 10]				
LO4: Understand	the consequences of health and fitness	s factors on the body			
MB1: 1 – 5 marks	MB2: 6 – 10 marks	MB3: 11 – 15 marks			
Lists different human health risks Basic understanding of the risks of an unhealthy lifestyle Limited qualitative judgement of the risks of an unhealthy life style	Limited description of the different human health risks Detailed understanding of the effects of an unhealthy lifestyle Simple quantitative judgement of the risks of an unhealthy lifestyle				
[1 2 3 4 5]	[6 7 8 9 10]	[11 12 13 14 15]			
LO5: Be a	ble to create a fitness programme for a s	pecified group			
MB1: 1 – 5 marks	MB2: 6 – 10 marks	MB3: 11 – 15 marks			
 Lists some components that fitness depends on Basic understanding of the how the components effect fitness Limited qualitative data displayed on the proposed impact of a fitness programme Some materials used to design a fitness programme Materials used to design a fitness programme are relevant to the needs of the specified group 		Detailed explanation of the components that fitness depends on how they affect the health and fitness of a specified group A range of relevant quantitative data on the proposed impact of a fitness programme are displayed accurately in appropriate formats Materials used to design a fitness programme are concise and relevant to the needs of the specified group			
[1 2 3 4 5]	[6 7 8 9 10]	[11 12 13 14 15]			

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	Teacher Comments	Mark	Page No		
MB1: 1 – 5 marks	MB2: 6 – 10 marks	MB3: 11 – 15 marks			
When provided with method and equipment, some support needed to set up equipment in order to carry out measurements on fitness and performance Some data collected and recorded	Independent selection of equipment to carry out measurements on fitness and performance; little support needed to set up equipment correctly Measurements taken and recorded in an appropriate format	Independent selection of equipment to carry out measurements on fitness and performance; equipment set up correctly Measurements taken and recorded to appropriate accuracy and precision using an appropriate format, including use of correct units			
[1 2 3 4 5]	[6 7 8 9 10]				
LO7: Describe the purpose and str	ucture of an organisation related to the s	sports or health and fitness industry			
MB1: 1 – 5 marks	MB2: 6 – 10 marks	MB3: 11 – 15 marks			
Basic description of the purpose and structure of an organisation related to the sports or health and fitness industry Information provided is limited. Tutor guidance may be required to find and select appropriate information	Detailed description of the purpose and structure of an organisation related to the sports or health and fitness industry Information provided is detailed. Minimal tutor guidance is required to find and select appropriate information	Thorough description of the purpose and structure of an organisation related to the sports or health and fitness industry Information provided is comprehensive. Research is carried out independently			
[1 2 3 4 5]	[6 7 8 9 10]	[11 12 13 14 15]			
LO8: Be able to research	career options within a sports or health				
MB1: 1 – 5 marks	MB2: 6 – 10 marks	MB3: 11 – 15 marks			
Lists sources of information on career areas within the sports or health and fitness sector Basic information on career areas within the health and fitness sector Basic information about opportunities for career areas within the sports or health and fitness sector	Information provided is detailed. Minimal tutor guidance is required to find and select appropriate information on career areas within the sports or health and fitness sector Detailed information on career areas within the health and fitness sector Detailed information about opportunities for career areas within the sports or health and fitness sector	Information provided is comprehensive. Research is carried out independently Thorough information on career areas within the sports or health and fitness sector Thorough information about opportunities for career areas within the sports or health and fitness sector			
[1 2 3 4 5]					
			Tot	al/120	

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If this is a re-sit, please tick		Session and Year of previous submission	Jan / June / Nov	7	2 ()		Please tick to indicate this work has been standardised internally		
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Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website (www.ocr.org.uk).

Guidance on Completion of this Form

- One sheet should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- Please enter specific page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
- 4 Circle the mark awarded for each strand of the marking criteria in the appropriate box and also enter the circled mark in the final column.
- Add the marks for the strands together to give a total out of 120. Enter this total in the relevant box.

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