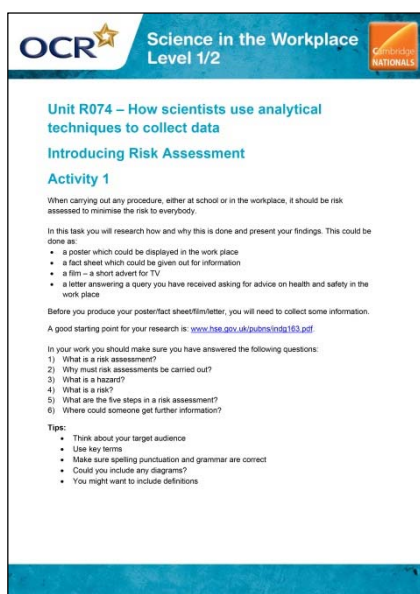# Unit R074 – How scientists use analytical techniques to collect data

Introducing Risk Assessment

Instructions for teachers

The activity below covers LO1: Be able to apply the principles of good laboratory practice

Associated files:

Introducing Risk Assessment (activity)

Activity 1 – approx. 1 hour

This activity offers an opportunity for English skills development.

In this activity learners produce an information source explaining how the assessment and management of risks is carried out. This work could be presented in a number of ways to suit the learning style of the individual learner, for example a poster, fact sheet, film a short advert, a letter addressed to someone who wrote asking for information and advice on risk assessment and management.

Activity

When carrying out any procedure, either at school or in the workplace, it should be risk assessed to minimise the risk to everybody.

In this task you will research how and why this is done and then present your findings. This could be done as:

- a poster which could be displayed in the work place
- a fact sheet which could be given out for information
- a film – a short advert for TV
- a letter answering a query you have received asking for advice on health and safety in the work place

Before you produce your poster/fact sheet/film/letter, you will need to collect some information.

A good starting point for your research is the 'Five steps to risk assessment' leaflet found at the following link: www.hse.gov.uk/pubns/indg163.pdf.

In your work you should make sure you have answered the following questions:
1) What is a risk assessment?
2) Why must risk assessments be carried out?
3) What is a hazard?
4) What is a risk?
5) What are the five steps in a risk assessment?
6) Where could someone get further information?

Tips:
- Think about your target audience
- Use key terms
- Make sure spelling punctuation and grammar are correct
- Could you include any diagrams?
- You might want to include definitions