

Unit Title: Practical Investigation
Level: Two
Credit Value: 2
GLH:
NOCN Unit Code: RH4/2/EA/007
QCA Unit Reference
Grading Descriptor Number(s): Not applicable

This unit has 4 learning outcomes.

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Plan a practical investigation on a given choice of subject.	1.1. State a testable hypothesis. 1.2. Design an investigation using an appropriate format. 1.3 Identify key variables to be controlled.
2. Undertake a practical investigation safely.	2.1. Carry out a risk assessment including COSHH. 2.2. Carry out an investigation safely.
3. Know how to produce and analyse a set of results.	3.1. Make relevant observations and record all raw data in a suitable format. 3.2. Record a set of results, which are relevant to the investigation to an appropriate level of accuracy. 3.3. Represent the quantitative or qualitative data in an appropriate format.

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LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
4. Know how to draw conclusions and evaluate the investigation.	4.1. Use observations and measurements to draw conclusions consistent with the collected data and hypothesis. 4.2. Describe any anomalous results or errors. 4.3. Consider whether sufficient observations and measurements have been made to reduce errors and identify what further steps could be taken. 4.4. Suggest improvements to the methods used and, where appropriate, further investigations.

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ASSESSMENT INFORMATION

Guidance:

This grid gives details of the assessment activities to be used with the unit attached. Please refer to the NOCN Handbook for definitions of each activity and the expectations for assessment practice and evidence for moderation.

The assessment activities for this unit are indicated in the table below:

Key: **P = Prescribed** – this assessment method *must* be used to assess the unit.
O = Optional – this assessment method *could* be used to assess the unit.

Case study		Project	
Written question & answer/test/exam		Role play/simulation	
Essay		Practical demonstration	
Report		Group discussion	
Oral question and answer		Performance/exhibition	
Written description		Production of artefact	
Reflective log / diary		Practice file	

Signposting Key Skills

This unit offers clear opportunities for learners to provide evidence of achievement in Key Skills achievement in the following skill area/s:

Key Skill		Wider Key Skill	
Communication		Working with others	
Information Technology		Problem solving	
Application of Number		Improving Own Learning and	

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		Performance	
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Accredited Start date:
Accredited End date:
Unit Sector/Subject area:
Grading descriptors:
Availability for Use:

Purpose and Aim of the Unit	Free Text
Restrictions on the Availability	Free Text or N/A
Additional Assessment Requirements	Free Text or N/A
Details of relationship between the Unit and the NOS	Free Text or N/A
Details of relationship between the Unit and Standards (not NOS)	Free Text or N/A
Endorsement of the Unit by	Free Text or N/A