

Unit Title: Shape, Space and Measurement
Level: Two
Credit Value: 3
GLH:
NOCN Unit Code: RB1/2/EM/010
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. Understand and use properties of shape.	1.1. Distinguish between specific triangles, quadrilaterals and polygons by their properties. 1.2. Distinguish 3D shapes by their properties and recognise their nets. 1.3. Measure angles in 2D shapes and deduce their size using the following: angles in a straight line, angles around a point, and opposite, alternate and corresponding angles.
2. Understand the basic trigonometry of a right-angled triangle.	2.1 Calculate measurements using similar right-angled triangles. 2.2 Use Pythagoras' theorem to calculate the length of a side in a right-angled triangle.
3. Solve problems using measurements in two and three dimensions.	3.1 Calculate, where appropriate, perimeters, areas, surface areas and volumes of simple regular shapes. 3.2 Interpret scale drawings. 3.3 Estimate measurements of everyday items. 3.4 Convert measurements between units (e.g. cm ² and m ²) and make rough conversions between imperial and metric units. 3.5 Make calculations using compound measure (e.g. speed, density) and use appropriate units.

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LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
4. Using relevant examples describe and draw transformations of 2D shapes.	4.1 Perform translations on squared paper and using vector notation 4.2 Perform reflections on squared paper 4.3 Perform rotations on squared paper where the centre of rotation is at any point 4.4 Perform enlargements on squared paper where the centre of enlargement is at any point and the scale factor is positive

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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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Unit Title:
Level:
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NOCN Unit Code:
QCA Unit Reference Code:
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