## Unit 4

Reasoning about shape
Five daily lessons

## Year 4

Autumn term

## Unit Objectives

Year 4

- Describe and visualise 3-D and 2-D shapes,

Page 102 including the tetrahedron and heptagon.

- Recognise equilateral and isosceles triangles.

Page 102

- Classify polygons using criteria such as number

Page 102 of right angles, whether or not they are regular, symmetry properties.

- Make and investigate a general statement about familiar numbers and shapes by finding examples that satisfy it.


## Link Objectives

- Classify and describe 3-D and 2-D shapes, referring to properties such as reflective symmetry and other properties.
(Key objectives in bold)
- Recognise properties of rectangles.
- Classify triangles using criteria.
- Make and investigate a general statement about familiar numbers and shapes by finding examples that satisfy it.


## National <br> Numeracy Strategy

This Unit Plan is designed to guide your teaching.
You will need to adapt it to meet the needs of your class.

## Resources needed to teach this unit:

- Resource sheet 4.1
- Activity sheet 4.1
- Activity sheet 4.2
- Activity sheet 4.3
- OHT 4.1
- OHT 4.2
- OHT 4.3
- OHT 4.4
- Triangular dotty paper
- Whiteboards
- Large equilateral triangle
- Large isosceles triangle
- Selection of 2-D and 3-D shapes
- Feely box
- Square dotty paper
- A4 paper
- Mirrors
- Set of polygons
department for
education and skills






Notes

Notes

Notes

Notes

Notes
Unit 4 Year 4 (Autumn Term)

OHT 4.2



NNS Unit Plans


| At least one <br> face shape | Possible 3-D <br> shapes | Shape of other faces |
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No lines of symmetry

Resource sheet 4.2


Unit 4 Year 4 (Autumn Term)
Three
0
0
0
More
than
three
sides


NNS Unit Plans

