

Shape and angle investigation and review

CURRICULUM ALIGNMENT

SHA.SHP.3a

investigate and analyse the properties of 3-D and 2-D shapes and identify classes of shapes based on these properties.

SHA.SAL.3b

compare and classify angles, recognising them as a property of a shape and as a description of a turn.

INTERACTIVES **Drag Sort** · challenge, display

WHAT THIS LESSON TEACHES

Choose one feature of a shape like number of sides or whether it rolls and use it as a rule to sort shapes into groups.

- Sort a square a triangle and a hexagon by how many sides each has.
- Sort shapes by whether they roll or do not roll.

MODEL THIS ON THE BOARD

SORTING SHAPES BY NUMBER OF SIDES

- 1 Look at each shape and count its sides.
- 2 Decide if it has 3 sides 4 sides or more than 4 sides.
- 3 Put the shape into the matching group.

DISCUSSION STARTER

REFLECT Which idea from shapes and angles feels strongest now, and which still needs practice?

ANSWER KEY

Scaffold: visual check on the page

Q1: triangle

Q2: roll: cylinder, sphere; do not roll: cube

Q3: square, rectangle

a) Always : Any closed shape with exactly three sides is a triangle.

b) Sometimes : True for a ball; false for a can, which is a cylinder that rolls.

c) Never : A square has exactly four sides, never five.

d) Sometimes : True for a corner of a hexagon; false for a corner of a square, which is a right angle.