Homework/Extension
Step 1: Recognise 2D and 3D Shapes

National Curriculum Objectives:

Mathematics Year 2: (2G1a) Compare and sort common 2-D shapes and everyday objects
Mathematics Year 2: (2G1b) Compare and sort common 3-D shapes and everyday objects

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Match 4 shapes (2D and 3D) to the correct labels. All shapes presented in the same orientation and size. Perspective lines visible on all 3D shapes.
Expected Match 4 shapes (2D and 3D) to the correct labels. All shapes presented in different orientations and sizes. Perspective lines visible on some 3D shapes.
Greater Depth Match 4 shapes (2D faces on 3D shapes) to the correct labels. All shapes presented in different orientations. No perspective lines visible on 3D shapes, real-life objects used.

Questions 2, 5 and 8 (Varied Fluency)
Developing Identify squares and cuboids from a range of shapes. All shapes presented in the same orientation and size. Perspective lines visible on all 3D shapes.
Expected Identify triangles and pyramids from a range of shapes. All shapes presented in different orientations and sizes. Perspective lines visible on some 3D shapes.
Greater Depth Identify quadrilaterals and prisms from a range of shapes. All shapes presented in different orientations and sizes. No perspective lines visible on 3D shapes, with the use of some real-life objects.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Identify and correct mistakes when collecting data about 2D and 3D shapes. All shapes presented in the same orientation and size. Perspective lines visible on all 3D shapes.
Expected Identify and correct mistakes when collecting data about 2D and 3D shapes. All shapes presented in different orientations and sizes. Perspective lines visible on some 3D shapes.
**Greater Depth** Identify and correct mistakes when collecting data about 2D and 3D shapes. All shapes presented in the different orientations and sizes with some 2D shapes given as the face of a 3D shape. No perspective lines visible on 3D shapes, with the use of some real-life objects.

More Year 2 Properties of Shape resources.

Did you like this resource? Don't forget to review it on our website.

Recognise 2D and 3D Shapes

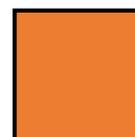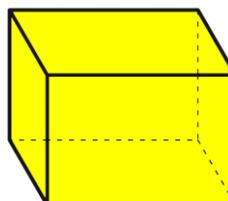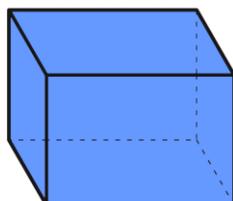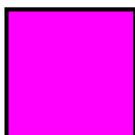**1. Match these shapes to the correct labels.**
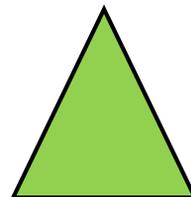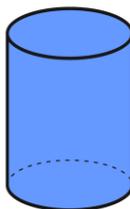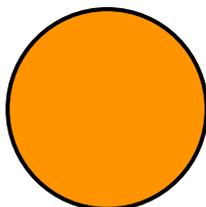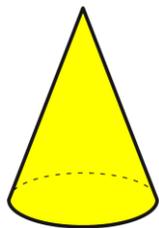
cylinder	triangle	cone	circle

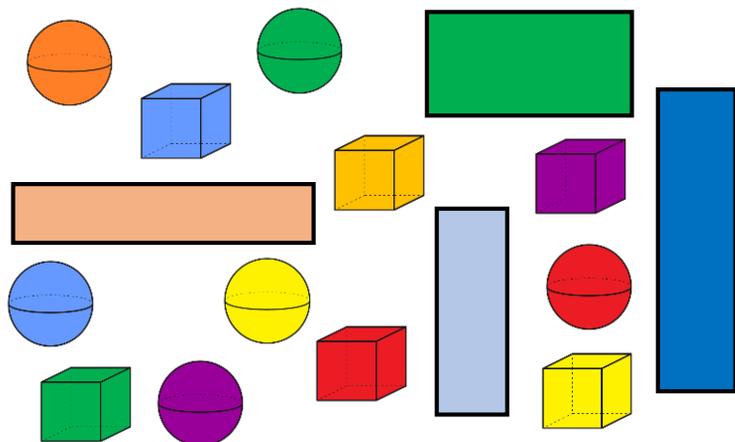**2. Tick the squares and circle the cuboids.**
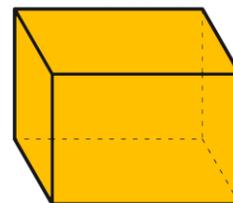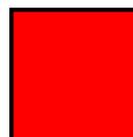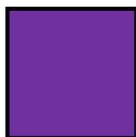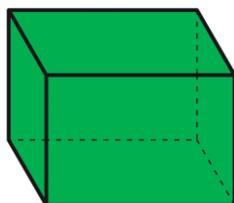
3. Sam is making a tally chart of all the shapes he can see.

Shape	Number of Shapes
Rectangle	|||
Sphere	|||||
Cube	|||

Find and correct his mistakes.

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Homework/Extension – Recognise 2D and 3D Shapes – Year 2 Developing

Recognise 2D and 3D Shapes

4. Match these shapes to the correct labels.
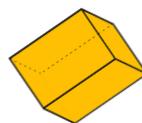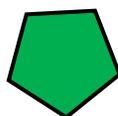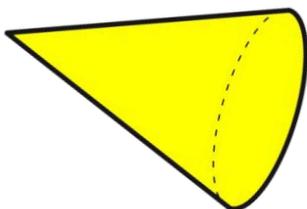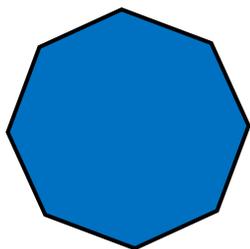
| pentagon | cuboid | octagon | cone |

5. Tick the triangles and circle the pyramids.
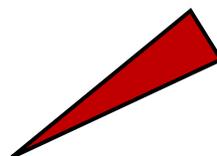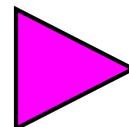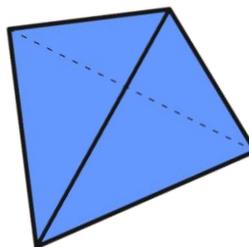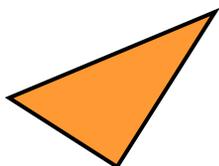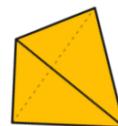
6. Adam is making a tally chart of all the shapes he can see.

Shape	Number of Shapes
Hexagon	||||
Cube	⫽||||
Cylinder	|||

Find and correct his mistakes.

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Homework/Extension – Recognise 2D and 3D Shapes – Year 2 Expected

Recognise 2D and 3D Shapes

7. Label the 2D shapes you can see on the faces of these 3D shapes.

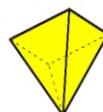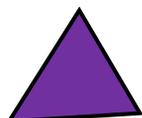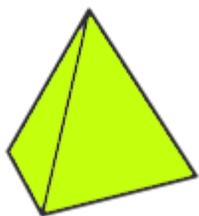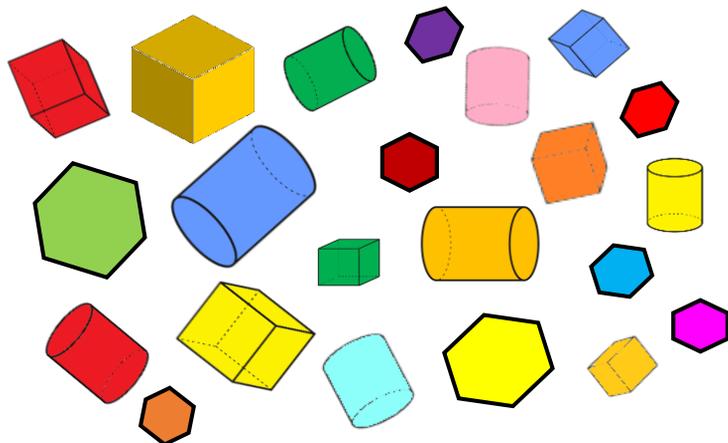|			

VF
HW/Ext

8. Tick the quadrilaterals and circle the prisms.

VF
HW/Ext

9. Zara is making a tally chart of all the shapes she can see.

Shape	Number of Shapes
Octagon	||||
Cylinder	||
Cuboid	|||

Find and correct her mistakes.

RPS
HW/Ext

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Homework/Extension – Recognise 2D and 3D Shapes – Year 2 Greater Depth

Developing

1.

| cylinder | triangle | cone | circle |

2.

3. Sam's chart should look like this:

Shape	Number of Shapes
Rectangle	||||
Sphere	|||||	
Cube	|||||	

Expected

4.

| pentagon | cuboid | octagon | cone |

5.

6. Adam's tally chart should look like this:

Shape	Number of Shapes
Hexagon	||||| |||
Cube	||||| ||
Cylinder	||||| ||

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Greater Depth

7.

| triangle | rectangle | circle | rectangle |

8.

9. Zara's tally chart should look like this:

Shape	Number of Shapes
Octagon	卌 I
Cylinder	卌 I
Cuboid	卌

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