

Session 1:

Today we will describe and classify 3D shapes.

Key vocabulary to remember: vertices (corners), edges (the long lines) and faces (the smooth parts)

Please watch the online lesson from the Oak academy:

<https://classroom.thenational.academy/lessons/to-describe-and-classify-3d-shapes-70u3cc?step=2&activity=video>

After you have watched the lesson, go back to the start and complete the quiz.

Activity: Please complete the additional sheet. Name the 3D shapes and identify the shapes by looking at the description of their properties.

Don't feel that you need to print the sheets off, this can be done by children looking at the screen and telling you the answers.

Session 2:

Build a tower using different 3D shapes that you can find in your house. Take of photo of your creation and email it to us so we can see too. You can use tin cans (cylinder), balls, boxes (cubes), party hat (cone)- we have attached a sheet with the names of the 3D shapes to help you.

Challenge: name the 3D shapes that you have used.

Session 3:

Today we will describe and classify 2D shapes.

Key vocabulary to remember: vertices (corners) and sides (long lines)

Please watch the online lesson from the Oak academy:

<https://classroom.thenational.academy/lessons/to-describe-and-classify-2d-shapes-64ukjd?step=2&activity=video>

After you have watched the lesson, go back to the start and complete the quiz.

Activity: Complete pages 1 and 2 of the worksheet attached.

Pages 3 and 4 can be an additional activity for another day.

Don't feel that you need to print the sheets off, this can be done by children looking at the screen and telling you the answers.

Session 4:

Revisit the names of the 2D shapes. (sheet attached to help you at home)

Can you draw an interesting picture using 2D shapes?

Maybe you can draw a house that is square, with square windows, a rectangle chimney pot, a circle sun above the house, a triangle roof. You could draw a flower with a hexagon middle, oval leaves, triangle petals, etc.

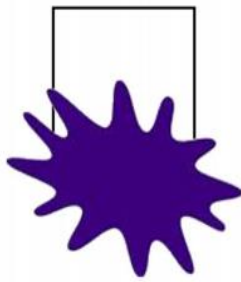
Session 5:

Can you solve the following problems? Explain your mathematical thinking.

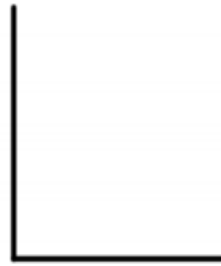
Answers for parents:

1. It could be a square or a rectangle.
2. Triangle or square
3. Square because it is 2D and the rest are 3D shapes.
4. Triangle, rectangle, pentagon, hexagon.
5. Four is rectangle and square, three is triangle and six is hexagon.

Part of a shape is hidden.



Here is part of a shape.



What shape could it be?

Is there more than one possibility?

Explain your thinking.

How many different ways can you complete the shape using one or more straight lines?

Which shape is the odd one out?
Explain why.



Put these shapes in order based upon the number of vertices they have.

Match the shapes to the number of sides.

Six

Four

Three

