

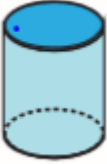







## Home Learning Activities

Year 2

### Maths Activity 1

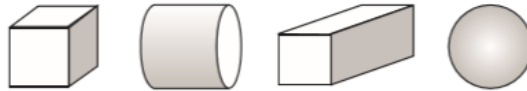
*Complete the table below to recap 3D shapes and their properties.*

Shape	Name	Number of faces	Shape of faces	Will it roll, slide or do both?	Number of vertices (corners)
					
					
					
					
					
					



**For this next activity you will need to use a camera.**

Take a look at the 3D shapes below. Choose one and then go on a hunt around your house to collect and group objects that are the same shape. When you are happy with your collection, arrange them and take a photograph of them together.



Example - A group of cylinders



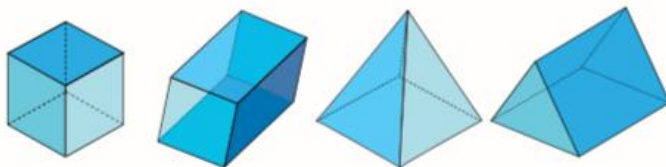
**Repeat for the other 3 shapes.**

Now talk to a grown up about your 4 different 3D shape collections and explain what you notice about the shapes in them.

### CHALLENGE

You will need:

- Straws, lolly sticks or dry spaghetti
- Plasticine, Blu-tac or mini-marshmallows
- Scissors
- Choose one of these shapes.



• **You are going to use straws/ lolly sticks/ dry spaghetti to make a skeleton of the shape**, using plasticine/ Blu-tac / mini-marshmallows to join them together! • Can you work out how many straws you are going to need? Are they all going to be the same length or different lengths? • How many blobs of plasticine etc. will you need?

- Repeat with at least one more shape.

**Don't forget to take photographs of your 3D shapes to email to us! We love to see them.**