



Year 2
Maths
01/07/2020



Lesson Aims

- To create a 3D model out of 3D shapes.
- I can name 3D shapes
- I can talk about their properties and use the words: **edge**, **face** and **vertices** correctly.



Fluency

How many wheels would 6 motorbikes have?

You might want to draw a picture to help you.





Fluency

How many wheels would 6 motorbikes have?

$$6 \times 2 = 12$$

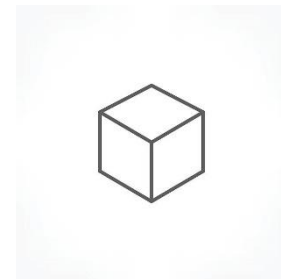
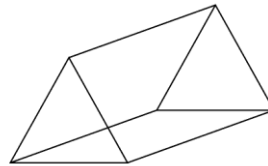
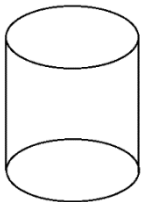
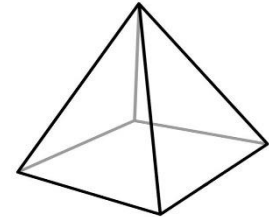
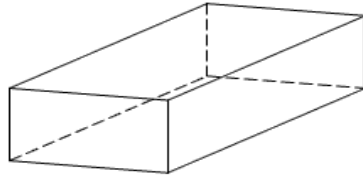
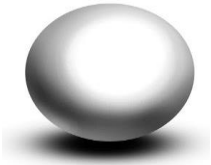
$$2 + 2 + 2 + 2 + 2 + 2 = 12$$





Main Teaching

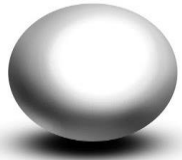
What are these 3D shapes called?



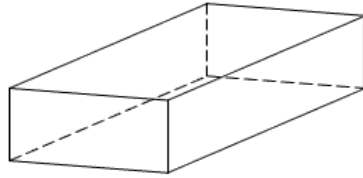


Main Teaching

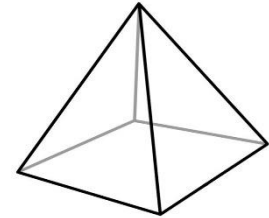
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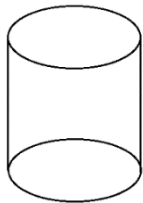
Sphere



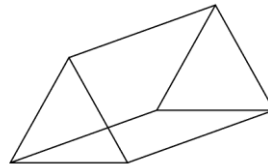
Cuboid



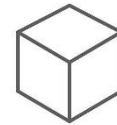
**Square based
pyramid**



Cylinder



**Triangular
prism**



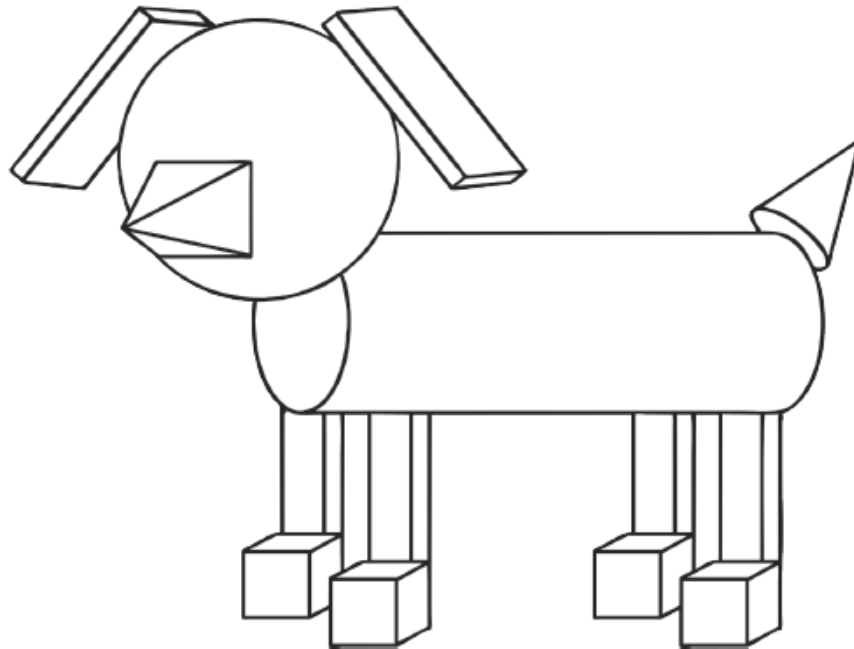
Cube



Main Teaching

Bob has made a dog out of 3D shapes he has found.

What 3D shapes can you see?

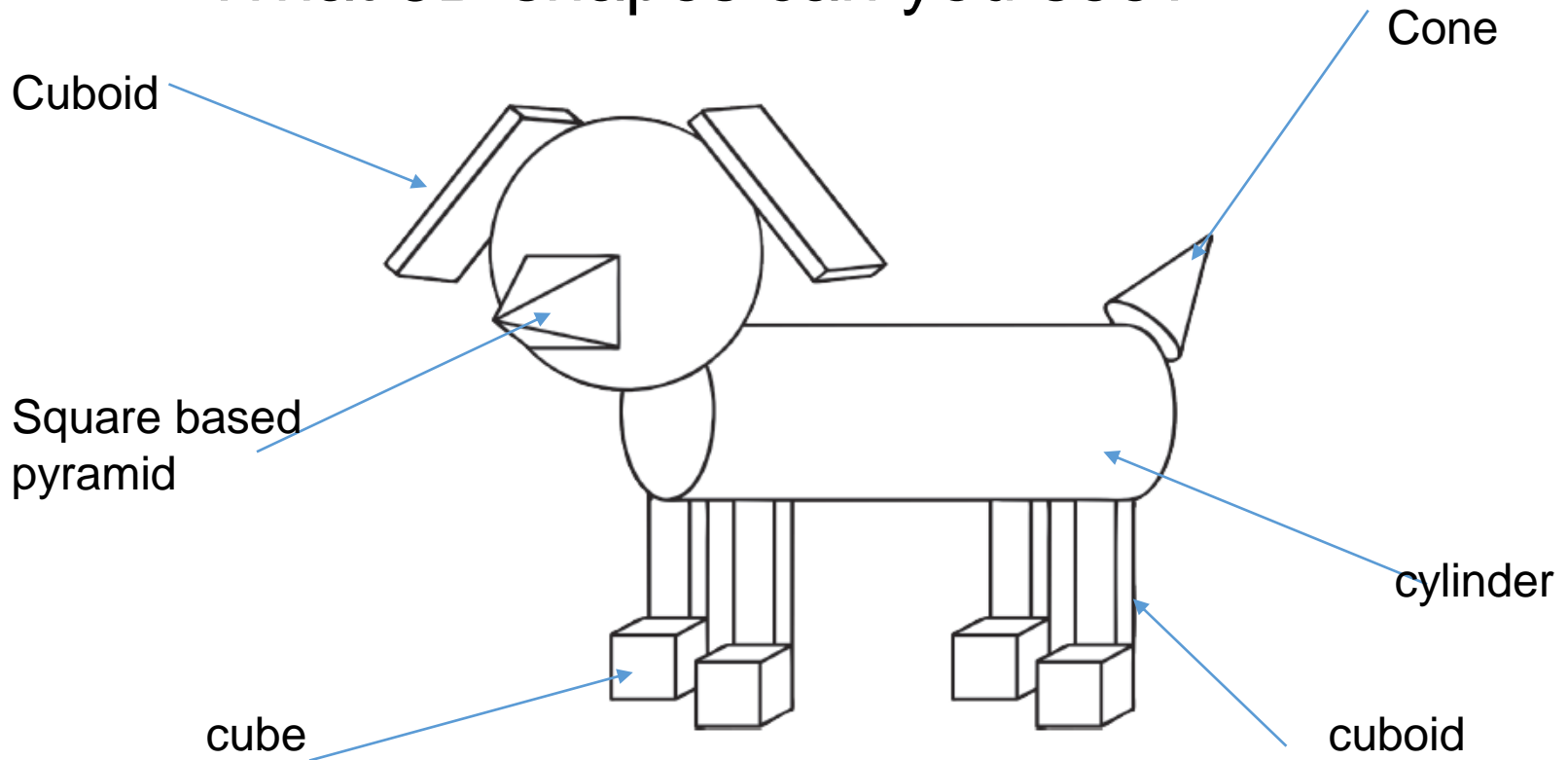




Main Teaching

Bob has made a dog out of 3D shapes he has found.

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Your task...

Today we would like you to create a 3D model out of different 3D shapes.

Your model might be an animal, castle, car, robot, a house or something else.

Use anything you have around the house that are 3D shapes!

Have a look on the next slide to see some examples of what your model might look like.



We have also attached a set of nets of different 3D shapes that you can use!



Your task...





Your task...








When you have finished your creation fill in the attached sheet.

Have a look at your model that you have created out of 3D shapes.

Tally how many 3D shapes you have used and then write the number in the total column.

I can name different 3D shapes I have used to create my model.
Have a look at your model that you have created out of 3D shapes.

Tally how many 3D shapes you have used and then write the number in the total column.

Shape	Tally	Total
 Cuboid		
 Cylinder		
 Cube		
 Sphere		
 Square based pyramid		
 Cone		
 Triangular prism		
Other		



To finish things off...

We would love to see a picture of your 3D shape models.
Please sent them in via the office or upload them on Purple Mash.

