

Lewis Class

Year 3 Maths (week beginning 29.06.20)

Here are some links to websites that have videos to support your child's learning in Maths. If you are struggling to find time to sit down with them, they could watch and make notes independently. These are not necessarily linked to the current topic but are still useful tools for learning. They can also be used as additional learning if needed.

<https://www.bbc.co.uk/bitesize/subjects/z826n39>











<https://www.thenational.academy/online-classroom/year-3/maths#subjects>

Properties of Shape

Task 1

- 2-D shapes

Copy and complete to sort the 2D shapes:

Word Bank	
triangle 	octagon 
quadrilateral	circle 
pentagon 	oval 
hexagon 	square 
rectangle 	kite 
rhombus 	

6 sides

8 sides

Sorting 2D Shapes

No right angles

1 curved side

3 sides

All sides are equal

4 sides

5 vertices

Go on a 2D shape hunt around your house/ in the classroom. See how many you can find!

Task 2

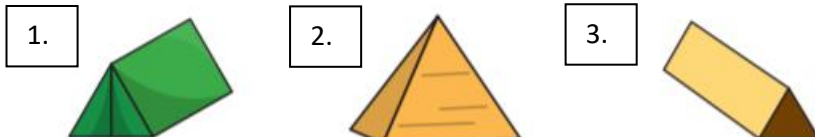
- 3 – D shapes

<https://www.bbc.co.uk/bitesize/topics/zt7xk2p>

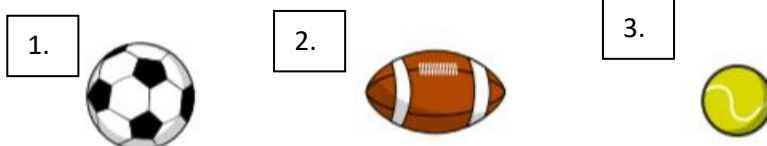
https://www.youtube.com/watch?v=ZnZYK83utu0&feature=emb_rel_err

Here are some shapes.

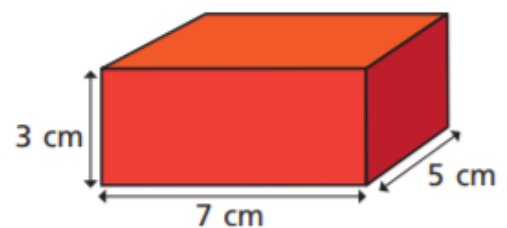
a) Which shapes are triangular prisms?



b) Which shapes are spheres?



Here is a cuboid.



What do you notice about the opposite faces of a cuboid?

Go on a 3D shape hunt around your house/ in the classroom. See how many you can find!

<https://classroom.thenational.academy/subjects-by-year/year-3/subjects/maths> - angles and shape, lesson 13, 14 and 15.

Task 3

- Constructing 3-D shapes

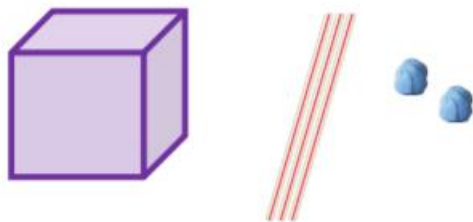
Draw these shapes onto a piece of paper or card. Cut and fold them into 3D shapes.



What shapes have you created?

Use correct mathematical language to describe the shapes they have made (edges, faces, vertices, curved surfaces).

Use straws and Play-Doh to create a model of a cube.



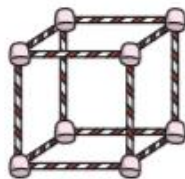
What other 3-D shapes can you create?

Be creative with what you have at home!
Talk to those at home about the properties of each 3D shape that you make.

Task 4


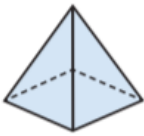
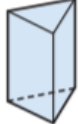
- 3D shapes

Annie makes a cube using some straws and marshmallows.



- a) What did she use to make the edges of the cube?
- b) How many edges does the cube have?
- c) What did she use for the vertices of the cube?
- d) How many vertices does the cube have?

Copy and complete this table:

3D shape	Number of edges (straws)	Number of marshmallows (vertices)
		
		
		

Task 5

- Reasoning and problem solving

Mo has a 3-D shape, he says,



One face of my 3-D shape is a square.

What could Mo's shape be?

Rosie says,



I can create a model of a square-based pyramid using 3 straws and 3 balls of Play-Doh.

Explain the mistake Rosie has made.

How many straws and balls of Play-Doh would you need to create a pyramid?

True or false?

- You can cut out lots of equal squares and make a 3-D shape from them.
- You can cut out some circles and rectangles and make a 3-D shape from them.

Throughout the week - practise multiplication tables:

You could:

- Focus on whichever one you find difficult to remember and write out in a random order to improve your rapid recall.
- Play on Hit the Button - focus on number bonds, halves, doubles and times tables -

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Do a multiplication dance – <https://www.bbc.co.uk/teach/super movers/times-table-collection/z4vv6v4>