

## YEAR 1 WEEK 1 MATHS - 3D SHAPES

### Information for Parents for 3D Shapes - week beginning Monday 20<sup>th</sup> April

Dear Parents/Carers

Here is the Week 1 Maths timetable

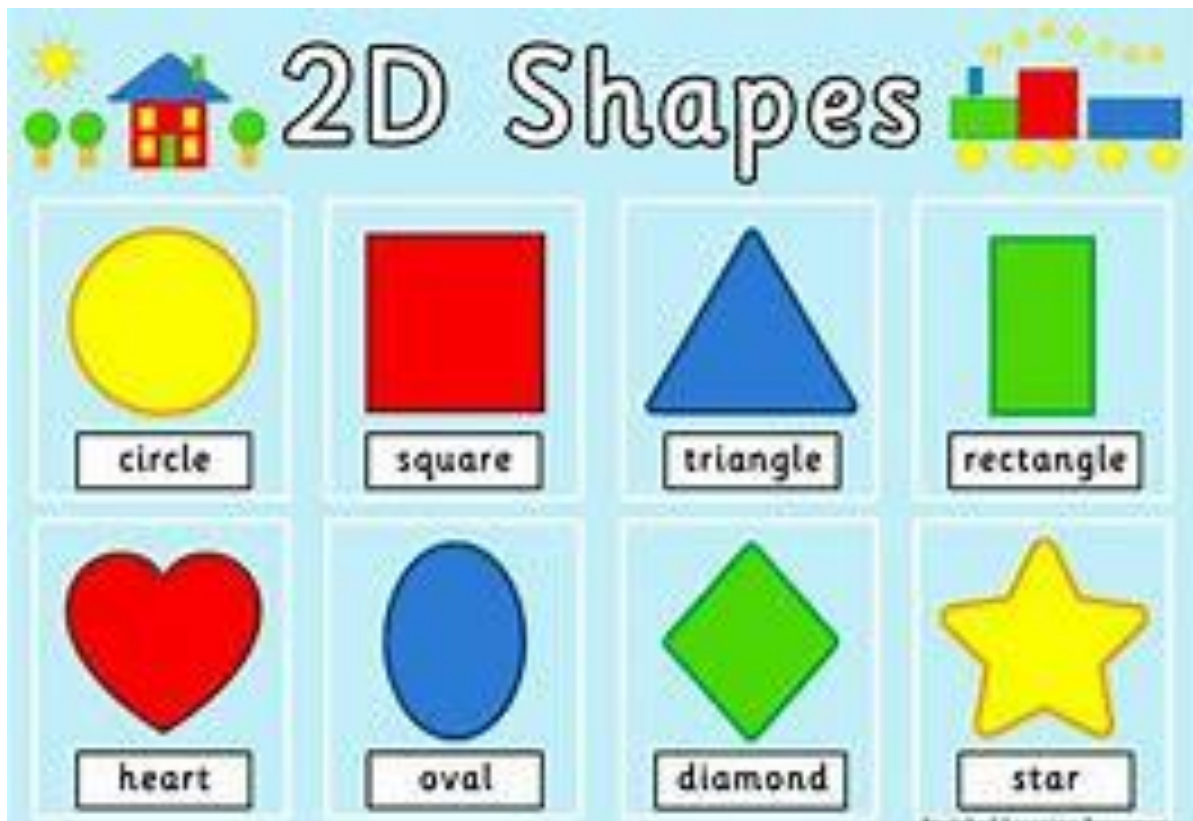
Day 1	Make the shape and learn about the cube
Day 2	Make the shape and Learn about the cuboid (rectangular prism)
Day 3	Make the shape and learn about the cylinder
Day 4	Make some more shapes and describe them!
Day 5	Some worksheets to record your learning

Learning Objectives: To learn the **names** and the **properties** of 3D shapes.

Success Criteria: Your child can say, for example, "a cube has 6 straight square shaped faces and 8 vertices (corners), a sphere has one curved side and 1 face."

Day 1: Your child will need a quick recap on 2D shapes. Why not show them the following picture

and have a chat about the names of these different 2D shapes?



Follow this little chat with helping your child make the cube from the *Year 1 Week 1 3D Shapes Net PDF*.

Complete the *Year 1 Week 1 Day 1* sheet (if you do not have a printer, your child can do the first 3 questions completing the sentences and you can go through the true/false questions verbally)

## Day 2

Make the rectangular prism (cuboid) from the *Year 1 Week 1 3D Shapes Net PDF*.

Complete the *Year 1 Week 1 Day 2* sheet (if you do not have a printer, your child can do the first 3 questions completing the sentences and you can go through the true/false questions verbally)

## Day 3

Make the cylinder from the *Year 1 Week 1 3D Shapes Net PDF*.

Complete the *Year 1 Week 1 Day 2* sheet (if you do not have a printer, your child can do the first 3 questions completing the sentences and you can go through the true/false questions verbally)

Day 4 Make the rest of the 3D shapes from *Year 1 Week 1 3D Shapes Net PDF*. Test your child's knowledge of their names. Can they describe the properties of the other shapes? E.g. How many faces, vertices, edges has the cone and the pyramid?

## Day 5

A set of assessment sheets to choose from in light of how they have got on with the previous days' work.

Your child's learning can be further consolidated through a variety of educational 3D Shapes Maths games - some of which I have sourced for you below:

Shapes Shoot: <a href="http://www.sheppardsoftware.com/mathgames/earlymath/shapes_shoot.htm">http://www.sheppardsoftware.com/mathgames/earlymath/shapes_shoot.htm</a>
Match 2D and 3D shapes: <a href="http://more2.starfall.com/m/math/geometry-content/play.htm?f&amp;d=demo&amp;n=enviro-shapes&amp;y=1">http://more2.starfall.com/m/math/geometry-content/play.htm?f&amp;d=demo&amp;n=enviro-shapes&amp;y=1</a>
3D Shapes Nets (Children can make their own cubes) <a href="http://www.senteacher.org/Worksheet/12/NetsPolyhedra.xhtml">http://www.senteacher.org/Worksheet/12/NetsPolyhedra.xhtml</a>