

YEAR 2 WEEK 1 MATHS - 3D SHAPES

Information for Parents for 3D Shapes - week beginning Monday 20th April

Dear Parents/Carers

Here is the Week 1 Maths timetable

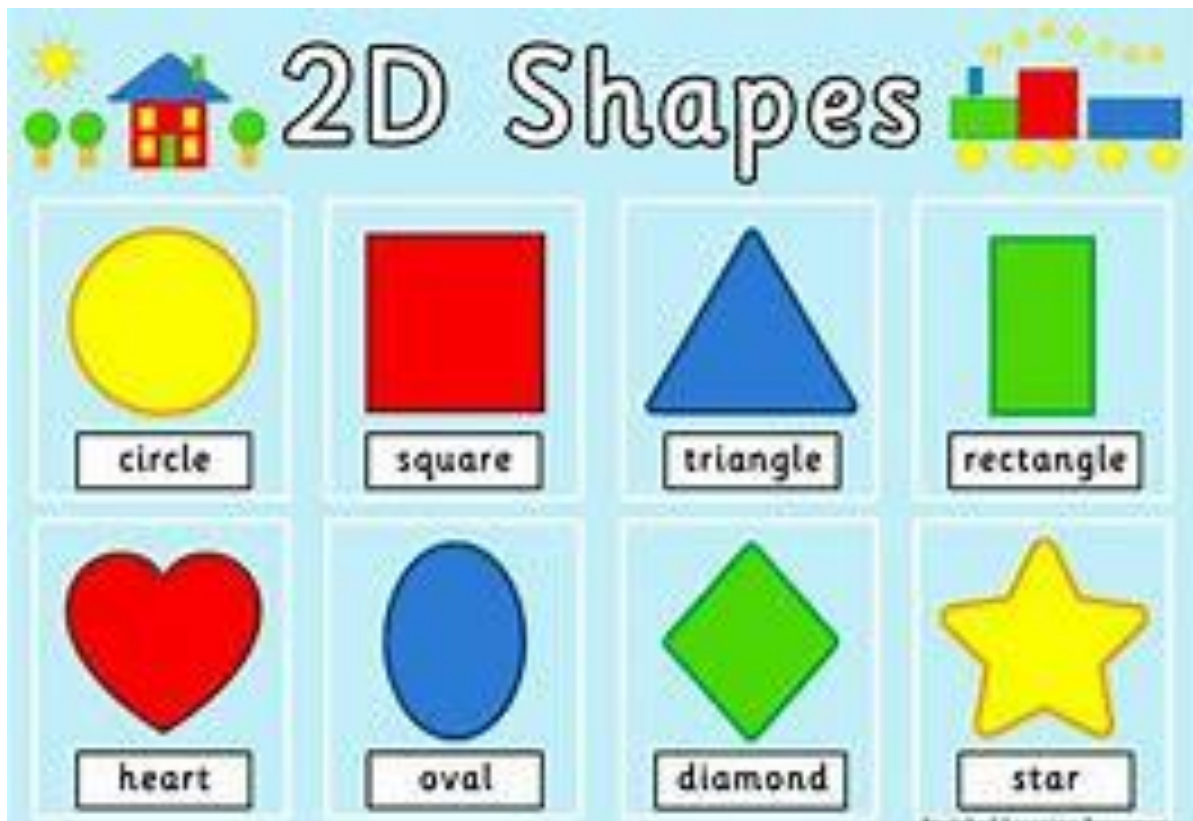
Day 1	Make 3D shapes - talk and sort
Day 2	Make the shapes to their names
Day 3	Investigating properties: To roll or not to roll?
Day 4	Recording your learning
Day 5	Play some games!

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." They can **compare** the properties of different shapes.

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 chart with a nice practical session making all the shapes from [Year 2 Week 1 3D Shapes Net PDF](#).

Talk about the properties of the shapes - e.g. can your child talk about which shapes have curved sides, which have straight, which have equal sides, which shapes have the same number of faces etc. Can your child sort the shapes using a particular criteria? - e.g. "I have put the shapes with curved edges in one group and the shapes with all straight edges in another group."

Day 2

Just match the shapes to the names today! Have you learnt them?

Day 3

Use the 3 D shapes to investigate which shapes roll and which shapes do not roll. Why do some shapes roll and other shapes do not roll? Fill in the chart (you could write the names of the shapes or cut and stick the pictures from the bottom of the sheet)

Day 4

How have you been doing? Record your learning on the sheets

Day 5

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

Shapes Shoot:

http://www.sheppardsoftware.com/mathgames/earlymath/shapes_shoot.htm

Match 2D and 3D shapes:

<http://more2.starfall.com/m/math/geometry-content/play.htm?f&d=demo&n=enviro-shapes&y=1>

3D Shapes Nets (Children can make their own cubes)

<http://www.senteacher.org/Worksheet/12/NetsPolyhedra.shtml>