## Year 1 Home Learning Week 3

This week's home learning will be all about shape.

## Task 1

This task will be about 2-D shapes. Talk to your child about the different shapes they know. E.g. square, rectangle, circle, semi-circle, hexagon, octagon etc. Can your child tell you anything about these shapes? E.g. number of sides, straight sides or curved sides. Here are some shapes to get you started but feel free to explore more with you child.


Draw or make a shape picture. Can your child draw / make a picture using 2-D shapes? Can they name the shapes they have used?

Challenge: Can your child count the number of sides from the shapes they have used in their picture?

Here are some examples:


## Task 2

This task is about linking the properties of 2-D shapes with number. For example, can your child solve shape number sentences? This means adding the number of sides of shapes together.

If I know a triangle has 3 sides. How many sides will there be for 4 triangles? Your child can draw the shapes and write the number sentence.

$3+3$
$3+$
3
$=12$

$4+$
4
4
6
$=14$


Challenge- if the shape monster has eaten 20 sides. What different shapes could they have eaten? Feel free to change the number of sides so your child can explore different shape combinations.

## What shape am I?

This involves giving clues about a shape based on their properties so you and your child can guess the shape. For example, "I' $m$ thinking of a shape that has 4 straight sides. What shape am I thinking of?"

## Task 3

This task will think about moving onto 3-D shapes. You could go on a shape hunt around the house, garden or if you are out on a walk. You could make a list of all the shapes you have spotted


Again, talk to your child about the properties of the shapes. For 3-D shapes we talk about the number of edges, vertices (the point/ corner where edges meet) and the number of faces (the surfaces of the shapes).

## 3-D shape sculpture

If you have any junk modelling items lying around the house, you could make a 3D shape model.


## Useful websites:

https://www.bbc.co.uk/bitesize/topics/zjv39j6

## https://www.topmarks.co.uk/ordering-and-sequencing/shape-patterns

https://www.ictgames.com/mobilePage/shiftingShapes/index.html

