**Year 2 home learning week commencing 20 April 2020**

**Maths Answers in red**

We are going to start this half term by learning about properties of shapes.

Go through Maths PowerPoint 1. Make sure you click to hear my explanations!

Activity 1

You can write your answers in your books or on paper.

1. Write the name of each shape in the PowerPoint and say how many sides and vertices it has:

|  |  |  |  |
| --- | --- | --- | --- |
| Picture | Name of shape  | Sides  | Vertices  |
|  | Circle  | 1 | 0  |
|  | Rectangle  | 4 | 4  |
|  | Square  | 4 | 4 |
|  | Triangle  | 3 | 3  |

1. I am thinking of a shape. It has 4 sides and 4 vertices. The sides are not the same length. What could it be?

A rectangle

1. Which shape is the odd one out? Explain your answer. 

The middle one because it has 4 sides and 4 vertices and the other two shapes have 3 sides and 3 vertices. The middle shape is the only one which is not a triangle.

Activity 2

1. Write a list of all the shapes used to make this picture.

e.g. 7 circles

7 circles, 4 squares, 4 rectangles and 1 triangle



1. Draw a different picture made out of just squares, triangles, rectangles and circles.

*You could do any picture made of these shapes. Here’s an example!*



1. Miss Coope is making triangles using lolly sticks. She uses one lolly stick for each side.

She says ‘I need 3 lolly sticks to make each triangle’.

Is she right or wrong?

She is right because a triangle has 3 sides.



How many lolly sticks does she need to make 4 triangles? 12

How many triangles can she make with 15 lolly sticks? *5*