

Home Learning - Year 2

This Week's Maths Tasks

WC – 8th June 2020

Mental Maths

- **5 minutes each day on Times Tables Rockstars.** Remember to complete a Studio activity once each week.

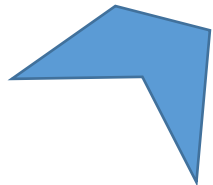
Activity 1 –2D shape names

- Watch the video on the BBC Bitesize website about identifying 2D shapes by counting the number of sides or vertices (corners) (click [here](#))
- Can you name the following shapes?



Challenge:

- Count the number of straight sides to name the following shapes:



Activity 2 – Describing 2D Shapes using their properties

- Read these words that can be used to describe 2D shapes. Can you explain what they mean? (For this task we are going to define a side as an outside edge of a shape – it can be straight or curved.)



Star Words!



straight

vertex or vertices



curved



quadrilateral



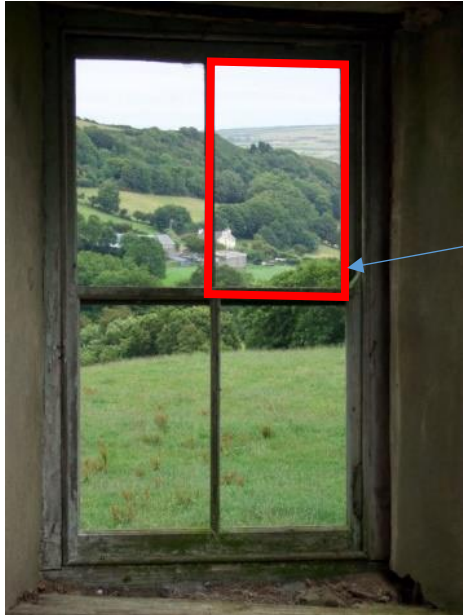
side

- Use these properties to describe and name each shape:

2D Shape	Total Number of Sides	Number of Straight Sides	Number of Curved Sides	Number of Vertices
Square				
Rectangle				
Circle				
Triangle				
Pentagon				
Hexagon				

Activity 3 – Treasure Hunt

- Find examples from around your home or while you are out on a walk of different 2D shapes that you see. You could also search for pictures of different objects on the internet if you prefer.
- Take a photo of each shape and label it with its shape name and properties.
- For example:



Rectangle

4 straight sides

4 vertices



Circle

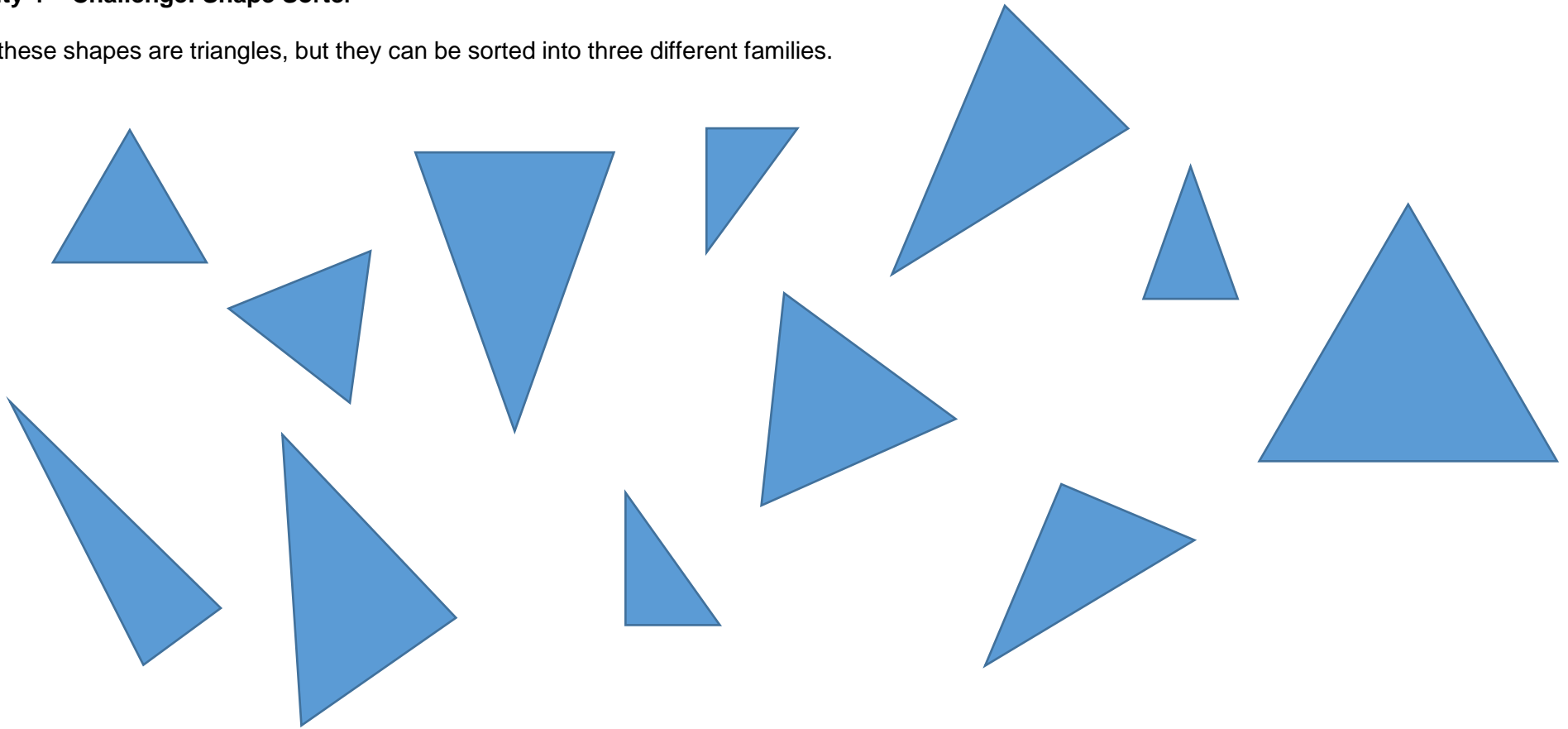
0 straight sides

(or 1 curved side)

0 vertices

Activity 4 – Challenge! Shape Sorter

All of these shapes are triangles, but they can be sorted into three different families.



- Can you sort them into three groups and explain how you chose where to put each triangle?
- Bonus points: Can you find the mathematical name for any of these groups of triangles?

Hint: You will need a ruler for this challenge!

Useful Links and Videos

- BBC Bitesize Home Learning Page - <https://www.bbc.co.uk/bitesize/tags/z7s22sg/year-2-and-p3-lessons>