

Canonbury Home Learning

Year 2 Maths

Steppingstone activity

Lesson 1 – 11.05.2020

LO: To recognise and name common 2D shapes

Success Criteria:



1. Watch the video about 2D shapes <https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/ztpwdmn>
2. **Task 1:** Go on a shape hunt in your house, **how many different 2D shapes can you find?** (see today's ClassDojo video for ideas)
3. Read the names of the 2D shapes in the word box and use the words to help with spellings in Task 2
4. **Task 2:** Draw and complete the table about the properties of 2D shapes in your books

Model:

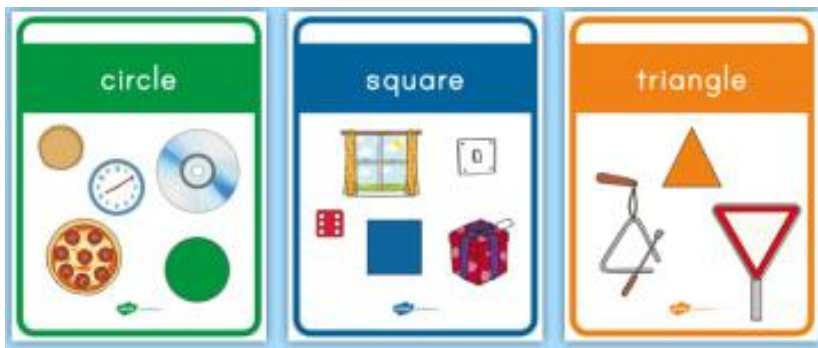
1.







3.

triangle	rectangle	circle
	pentagon	square

2.



4.

Name	Sides	Vertices
 triangle	3	3
		
		
		
		

Canonbury Home Learning
Year 2 Maths

Lesson 1 – 11.05.2020

LO: To identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line

Task:

You are going to be **identifying and describing the properties of 2D shapes**

Success Criteria:

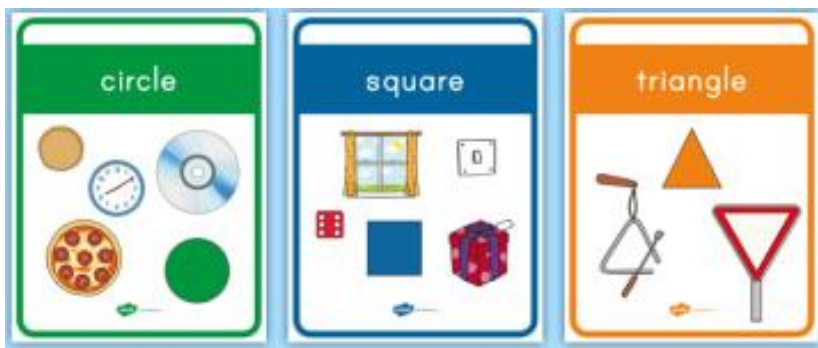
1. Watch the video about 2D shapes <https://www.bbc.co.uk/bitesize/topics/zjv39j6/articles/ztpwdmn>
2. **Task 1:** Go on a shape hunt in your house, **how many different 2D shapes can you find?** (see today's ClassDojo video for ideas)
3. **Task 2:** Draw and complete the table about the properties of 2D shapes in your books
4. Have a go at doing as many of the reasoning and problem solving questions as you can!

Model:









1.



2.



3.

Name	Sides	Vertices
 triangle	3	3
		
		
		
		
		
		
		

Task 2	Task 3	Task 4																														
<p>Practice Draw this table in your books. How many of these shapes can you name and list the properties (how many sides and vertices) of?</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #d9ead3;"> <th style="width: 25%;">Name</th> <th style="width: 25%;">Sides</th> <th style="width: 25%;">Vertices</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </tbody> </table>	Name	Sides	Vertices																												<p>Reasoning Explain your answers.</p> <p>5a. Mrs Hall shows Class 2 some shapes.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> </div> <p>Joe says,</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #fff;"> <p>These are all octagons because they have 6 sides.</p> </div> </div> <p>Is Joe correct? Explain how you know.</p> <hr/> <p>6b. Jal wants to collect a total of 11 vertices. He says,</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #fff;"> <p>I need 2 rectangles and a triangle.</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> </div> <p>Is he correct? Explain how you know.</p>	<p>Problem solving</p> <p>6a. Which has the most number of sides?</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;"> <p>3 quadrilaterals</p> </div> <div style="text-align: center;"> <p>5 triangles</p> </div> <div style="text-align: center;"> <p>13 circles</p> </div> </div> <hr/> <p>4b. Lily and Karen each have some shapes.</p> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div style="text-align: center;"> Lily </div> <div style="display: flex; gap: 10px;"> </div> </div> <hr/> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div style="text-align: center;"> Karen </div> <div style="display: flex; gap: 10px;"> </div> </div> <p>How many vertices do they each have? Who has the fewest number of vertices?</p>
Name	Sides	Vertices																														