

Year 4 Spring 1: Week 4 Maths Planning

Date	Learning Objective	Starter Activity	Main Teaching	Plenary Activity
25/01/21 Lesson 1	<ul style="list-style-type: none"> ✓ To develop 2D shape vocabulary ✓ To compare and classify geometric shapes 	<p>Begin today with some very simple revision of names of shapes. We are doing this to make sure you know the basic shape names.</p> <p>https://app.mymaths.co.uk/241-lesson/2d-and-3d-shapes</p>	<p>Look at the Shape PowerPoints that are in the Lesson 1 folder. They cover a range of shapes and their properties.</p> <p>Choose a shape and make a poster about it. Draw it and write down its properties. You could do more than one shape on your poster.</p>	<p>Play Beat the clock which is slide 9 on My Maths</p> <p>https://app.mymaths.co.uk/241-lesson/2d-and-3d-shapes</p> <p>You have 2 minutes to answer as many shape questions as you can.</p>
26/01/21 Lesson 2	<ul style="list-style-type: none"> ✓ To develop 2D shape vocabulary ✓ To compare and classify geometric shapes 	<p>There is an interactive shape sorting activity at the following website:</p> <p>Select the Venn Diagram option</p> <p>Drag the shapes into the correct areas of the Venn Diagram</p> <p>http://www.shodor.org/interactivate/activities/ShapeSorter/</p>	<p>There is another shape sorting activity here-</p> <p>http://mathsframe.co.uk/en/resources/resource/83/sort_shapes_venn</p> <p>In the Lesson 2 Folder there is a sheet with a blank Venn Diagram. There are some shapes for cutting out and sticking onto the venn diagram. You could draw your own shapes if you wanted to.</p>	<p>Work through these:</p> <p style="text-align: center;"> $9+12+6=$ $6+6+8=$ $5+7+7=$ $9+9+9=$ </p> <p style="text-align: center;"> $45+124=$ $34+56=$ $211+77=$ $35+157=$ </p> <p>Make the numbers easier if you need to. Make the numbers harder if you need to.</p>

<p>27/01/2 1 Lesson 3</p>	<ul style="list-style-type: none"> ✓ To develop 2D shape vocabulary ✓ To compare and classify geometric shapes 	<p>Today you are going to look at faces, vertices (corners) and edges of shapes.</p> <p>Look at the PowerPoint in the Lesson 3 area. If you have any 3D boxes at home see if you can count the number of edges and faces they have.</p>	<p>Fill in the 2D and 3D fact cards which are in the Lesson 3 area.</p> <p>Put in the correct properties for each shape.</p>	<p>Watch the 3D shape video</p> <p>Make sure you understand what a face is.</p> <p>What vertices are.</p> <p>What edges are.</p>
<p>28/01/2 1 Lesson 4</p>	<ul style="list-style-type: none"> ✓ Identify lines of symmetry in 2D shapes ✓ Classify polygons based on properties including line symmetry 	<p>Play some symmetry games at the following site:</p> <p>http://www.topmarks.co.uk/symmetry/symmetry-sorting</p>	<p>Today we will look at identifying lines of symmetry in 2D shapes</p> <p>There are two work sheets to work though in the Lesson 4 area.</p>	<p>Watch the videos and explore the activities at the following-</p> <p>https://www.bbc.co.uk/bitesize/topics/zrhp34j/articles/z8t72p3</p>
<p>29/01/2 1 Lesson 5</p>	<ul style="list-style-type: none"> ✓ Identify lines of symmetry in 2D shapes ✓ Classify polygons based on properties including line symmetry 	<p>Click the link below and make sure it is full screen.</p> <p>It involves sorting 3D shapes based on their properties into a venn diagram.</p> <p>http://mathsframe.co.uk/en/resources/resource/115/sorting_3d_shapes_on_a_venn_diagram</p>	<p>Today you will continue identifying lines of symmetry in given 2D shapes, creating lines of symmetry using reflection and investigating patterns.</p> <p>There are two videos to watch in the lesson 5 section and some worksheets. Select the worksheet that is appropriate to your level.</p>	<p>Work through the review test which you will find in the Lesson 5 area. If you can then get an adult from home to mark it!</p>