

# Let's Explore 2-D Shapes: Maths : Year 2 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To name and draw lots of different polygons.	Children to recognise, name and describe different polygons. They will be challenged to read descriptions and match or draw the correct shape.	<ul style="list-style-type: none"> <li>• Can children recognise polygons and non-polygons?</li> <li>• Can children match names to a wide variety of 2-D shapes?</li> <li>• Can children draw irregular polygons?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheets 1A/1B/1C/1D/1E</li> <li>• Irregular Polygon Cards</li> <li>• Drawing/Writing Frame</li> </ul>
<b>Lesson 2</b>	To name and make 2-D shapes, including quadrilaterals.	Children to learn about quadrilaterals and name shapes that are quadrilaterals. They will be challenged to use a shape to make tessellating patterns.	<ul style="list-style-type: none"> <li>• Can children identify the properties of quadrilaterals?</li> <li>• Can children name and explain why squares are special quadrilaterals?</li> <li>• Can children make quadrilaterals, or make tessellating patterns using quadrilaterals?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheets 2A/2B/2C/2D/2E</li> <li>• Card</li> <li>• Polystyrene tiles (FSD? activity only)</li> <li>• Paint (FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To name, compare and describe quadrilaterals.	Children to recap, name, compare and describe quadrilaterals and to learn about rhombuses. They will be challenged to match statements to the correct shape and to draw special quadrilaterals.	<ul style="list-style-type: none"> <li>• Can children recognise and name some special quadrilaterals?</li> <li>• Can children describe some special quadrilaterals in terms of the lengths of their sides?</li> <li>• Can children make some special quadrilaterals?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheets 3A/3B/3C</li> <li>• Making Special Polygons 3A</li> <li>• Geostrips (if available)</li> <li>• Split pins or drawing pins and pin boards</li> </ul>
<b>Lesson 4</b>	To identify vertical lines of symmetry in 2-D shapes.	Children to sort shapes into symmetrical and non-symmetrical groups. They will be challenged to use mirrors to finish drawing symmetrical shapes.	<ul style="list-style-type: none"> <li>• Can children use a mirror (orientated vertically) to find lines of symmetry in shapes?</li> <li>• Can children sort shapes according to whether or not they are symmetrical?</li> <li>• Can children find lines of symmetry on everyday objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheets 4A/4B/4C/4D</li> <li>• Symmetrical Shapes? 4A</li> <li>• Mirrors</li> </ul>
<b>Lesson 5</b>	To compare and describe 2-D shapes according to several properties.	Children to match the descriptions to the different 2-D shapes. They will be challenged to select cards and delete any incorrect statements about the shape before reading the remaining correct ones to their partner.	<ul style="list-style-type: none"> <li>• Can children identify polygons and non-polygons in a set of shapes?</li> <li>• Can children match shapes to given simple descriptions of them?</li> <li>• Can children begin to describe shapes according to some properties, including number of sides, lengths of sides and lines of symmetry?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Shape Cards 5A/5B/5C</li> <li>• Shape Guessing Game</li> <li>• Feely bag and shapes (FSD? activity only)</li> </ul>