

Shapes and Angles : Maths : Year 3 : Summer Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To be able to recognise right angles as a description of a turn.	Children will identify what a right angle is and identify right angles in 2D shapes. They will then recognise right angles as a description of a turn, using the terms 'clockwise' and 'anti-clockwise' to turn a quarter, half, three-quarter or full turn in both directions. Higher-ability children will use the four compass points to further describe turns.	<ul style="list-style-type: none"> Do children know what a right angle is? Can children recognise right angles as being a description of a turn? Can children describe a turn using appropriate vocabulary? 	<ul style="list-style-type: none"> Slides Worksheet 1A/1B/1C Clock Cards A/B (FSD? activity only) Direction Cards A/B (FSD? activity only)
Lesson 2	To be able to identify angles that are greater than or less than a right angle.	Children will be introduced to acute and obtuse angles, and will find out how to identify if an angle is greater than or less than a right angle. They will identify different types of angles in a variety of 2D shapes and objects around them. They will start to think about how to estimate the size of an angle, based on their knowledge of a right angle as ninety degrees.	<ul style="list-style-type: none"> Can children recognise a right angle? Can children recognise angles that are greater than a right angle? Can children recognise angles that are less than a right angle? 	<ul style="list-style-type: none"> Slides Worksheet 2A/2B Shape Sheet A/B/C
Lesson 3	To be able to identify horizontal and vertical lines.	Children will learn what the terms 'horizontal' and 'vertical' mean before identifying horizontal and vertical lines in 2D shapes and objects around them.	<ul style="list-style-type: none"> Do children know what a horizontal line is? Do children know what a vertical line is? Can children identify horizontal and vertical lines within shapes and objects? 	<ul style="list-style-type: none"> Slides Worksheet 3A/3B/3C Instruction Sheet (FSD? activity only)
Lesson 4	To identify parallel and perpendicular lines in shapes.	Children will learn what the terms 'parallel' and 'perpendicular' mean before identifying parallel and perpendicular lines in 2D shapes and objects around them. They will also identify shapes being described from clues about its properties, including different types of lines and angles.	<ul style="list-style-type: none"> Can children identify parallel lines? Can children identify perpendicular lines? Can children identify horizontal and vertical lines? 	<ul style="list-style-type: none"> Slides Worksheet 4A Criteria Cards Shape Cards Description Cards (FSD? activity only)
Lesson 5	To be able to draw 2D shapes accurately according to a description.	Children will learn to draw shapes according to descriptions of their properties, including the number and length of sides, type of angles, type of lines (parallel, perpendicular, horizontal and vertical) and whether it is a regular or irregular shape. Children can also describe a given shape using appropriate vocabulary.	<ul style="list-style-type: none"> Can children identify properties of shapes? Can children describe a 2D shape according to its properties? Can children draw a 2D shape accurately according to a description? 	<ul style="list-style-type: none"> Slides Rulers and/or set squares Worksheet 5A Description Cards A/B Shape Cards (FSD? activity only)