

Sharks Class

Half-Termly Maths Learning Journey Overview

Spring 2:2026

As Mathematicians we will be focusing on...

Shape

Length and Height

		Week 1	Week 2	Week 3	Week 4	Week 5		
Dates:		23.2.26	2.3.26	9.3.26	16.3.26	23.3.26		
		Shape		Length and Height Fractions				
EYFS Birth – 3 years	Mathematics	<ul style="list-style-type: none"> ★ Learn to combine objects like stacking blocks and cups and put objects inside others and take them out again. ★ Learn to climb and squeeze themselves into different types of spaces. ★ Learn to build with a range of resources. ★ Learn to complete inset puzzles. ★ Learn to compare sizes (eg big, small, tall, short). ★ Learn to notice patterns and arrange things in a pattern. 						
EYFS 3 – 4 Year Olds	Numerical Patterns	<ul style="list-style-type: none"> ★ Learn to talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) and mathematical language (for example sides, corners, straight, flat, round etc). ★ Learn to select shapes appropriately such as flat surfaces for building or a triangular prism for a roof. ★ Learn to combine shapes to make new ones, for example an arch or a bigger triangle. ★ Learn to make comparisons between objects relating to size and length. 						
EYFS – Reception	Numerical Patterns	<ul style="list-style-type: none"> ★ Learn to select, rotate and manipulate shapes to develop spatial reasoning skills. ★ Learn to compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can. ★ Learn to compare length. 						
Progression Step 1	Geometry Measurement	<ul style="list-style-type: none"> ★ Dismantle an object. ★ Find objects that roll if they push them. ★ Handle shapes. ★ Knock down bricks. ★ Build a tower of 5 bricks. ★ Build a tower of 7 bricks. 			<ul style="list-style-type: none"> ★ Use the term “big” and “small” in play activity. 			

		<ul style="list-style-type: none"> ★ Communicate about pliable material (eg playdough) activity in terms of changing shapes. ★ Handle a range of 3D shapes. ★ Match 2D shapes. ★ Roll 3D objects. ★ Trace circular movements. ★ Draw a roughly straight line. 	
Progression Step 2	Geometry Measurement	<ul style="list-style-type: none"> ★ Sort object according to a stated characteristic, eg sort the shapes into circles and triangles. ★ Find out which 3D shapes roll. ★ Find shapes from description, eg with a straight edge. ★ Join the dots to draw a square. ★ Join the dots to draw a triangle. ★ Look at a globe and describe its shape. ★ Match geometric shapes with pictures of shapes. ★ Match objects according to shape disregarding size, eg all cars. ★ Respond appropriately to shape-based terminology. ★ Roll pliable materials into different shapes. ★ Select a specific shape from a collection. ★ Trace large shapes. ★ Trace simple shapes. 	<ul style="list-style-type: none"> ★ Put 3 rings on a peg in order of size. ★ Put 5 rings on a peg in order of size. ★ Build a tower and compare its size with an object. ★ Describe objects as “big.” ★ Describe objects as “small.” ★ Describe objects as “short.” ★ Describe objects as “long.” ★ Responds appropriately to comparative terminology (eg, bring me the bigger brush, longer pencil etc). ★ Sort obviously bigger objects from smaller objects. ★ Match objects by size. ★ Sort and compare big and small objects on request. ★ Point to larger/smaller. ★ Point to smallest/largest. ★ Compare the length of different objects, correctly using terms “longer, bigger, shorter, smaller, same as.” ★ Give an example of an object which is longer/shorter or bigger/smaller. ★ Identify the smaller of 2 objects when there is a marked difference. ★ Identify the larger of 2 objects when there is a marked difference. ★ Find 2 items of a similar length.
Progression Step 3	Geometry Measurement	<ul style="list-style-type: none"> ★ Draw round shape templates. ★ Find similar shapes on a group of objects. ★ Find shapes on the face of objects. ★ Describe handled shapes by number of sides and corners they have. ★ Create patterns from shapes. ★ Sort 3D objects. 	<ul style="list-style-type: none"> ★ Order a range of (clearly-different sized) objects depending on length/size. ★ Identify the smallest and largest object from a group of 5. ★ Find objects which are shorter/longer than a specified item. ★ Draw lines with a ruler. ★ Order a range of different sized objects by size. ★ Use comparative language to describe an objects as high or low. ★ Use comparative language to compare if an object is long or longer.

		<ul style="list-style-type: none">★ Describe shapes, listing some properties, eg sides, round.★ Draw some simple shapes.★ Make matching shapes using pliable materials.★ Refer to a box like shape using the term "square."★ Refer to a round shape using the term "circle."	
--	--	--	--

Year 1	Geometry Measurement	<ul style="list-style-type: none">★ Name common 2D shapes:<ul style="list-style-type: none">○ Rectangle○ Square○ Circle○ Triangle★ Name common 3D shapes:<ul style="list-style-type: none">○ Cuboid○ Sphere○ Cube○ Pyramid★ Recognise some common 2D shapes.★ Recognise 2 and 3D shapes in different orientation and sizes.★ Recognise 2 and 3D shapes in everyday objects.★ Recognise common 3D shapes.	<ul style="list-style-type: none">★ Measure using a ruler with support.★ Measure and begin to record lengths and heights.★ Compare length and height.★ Describe length and height.★ Solve practical problems involving height and length.★ Use the terms:<ul style="list-style-type: none">○ Long/short○ Longer/shorter○ Tall/short○ Double/half
---------------	---------------------------------	---	--