



Maths Overview

08/03/21: Doubling and Symmetry

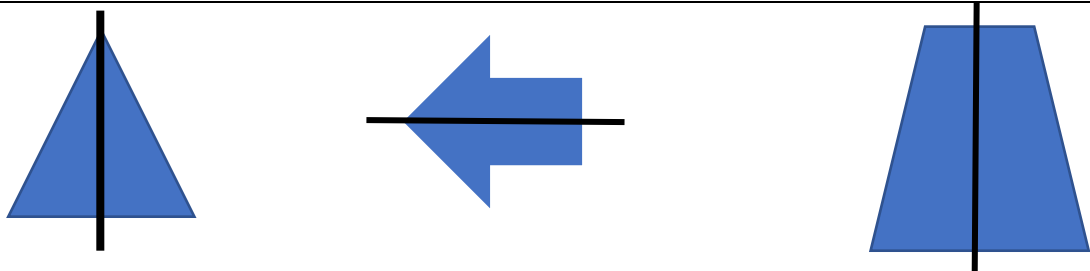
15/03/21: Shape, Space and Measure: Height and Length

22/03/21: Shape, Space and Measure: Weight and Capacity

Detailed Maths planning

Date	Learning	
8/03/21	Doubling and Symmetry Stem sentences: Two doubled is four and double two is four. One half of 2 is 1. One half of 4 is 2	Watch the episode: Numberblocks Series 2: Episode 9: 'Double Trouble' https://www.bbc.co.uk/iplayer/episode/b08q4jkg/numberblocks-series-2-double-trouble <i>When we double a number, we are adding the same number again. Stand in front of a mirror. You are one but add yourself in the mirror and you have doubled.</i> <i>We want our children to understand that when we double a number we will add the same number again e.g. 3 + 3</i> Activities to support doubling this week: - You can use objects and a mirror to work out what double is, can they write the addition sentence. - Children to roll a 1-6 dice and write the double number sentence. You could use objects to support. - Complete the sheets: Double Dominoes to 10 Ladybird Doubles - Think of a doubling word problem to ask your child e.g. A magician had two birds. He waved his wand and they doubled. How many birds does he have? This week we are also learning about <u>Symmetry</u>. What is symmetry? Things can be seen as symmetrical if we can draw a line through them and the line acts as a mirror image of each part e.g. A Butterfly is symmetrical. Each wing is a mirror of the other.



		 Look at the Symmetrical Shapes Sheet and can you see where you would draw a line to make each shape symmetrical. https://www.topmarks.co.uk/symmetry/symmetry-matching Activity: Fold a large piece of paper in half. Open it and paint a pattern on one half. Fold over and press down. When you open up the paper you will have a symmetrical picture. Activities to support symmetry this week: • Symmetrical pictures. Can you draw on the line of symmetry? • Complete the sheet: Create a symmetrical butterfly. • Use the sheet: Butterfly outline colouring sheet to create your own symmetrical butterfly. https://www.topmarks.co.uk/symmetry/symmetry-matching Pictures Can you find the picture to make it symmetrical? Challenge Activity: Complete the sheets – EYFS Maths Activity Mat: Combining two groups / Number Bonds to 10
15/03/21	Shape, Space and Measure Height and Length Stem sentence: ... is taller than is shorter than is longer than is shorter than ...	Recap the vocabulary used for height e.g. long, longer, longest, short, shorter, shortest, tall, taller, tallest. Can your child collect three to five toys and then line them up in length order? Can they then say which toys is the shortest / longest or tallest? Pick a toy and ask the children to describe it using length vocabulary e.g. The teddy is taller than the Lego but smaller than Spiderman. Activities to support measuring Height and length this week:



	...is the longest... ...is the shortest...	• Use the same size Lego blocks or something similar to measure the length or height of other objects in the home e.g. The pencil is three Lego pieces long and the mat is twenty Lego pieces long. • Complete the sheets: The Enormous Turnip – Order the different sized characters Leaf Length Ordering • Play the game - https://www.topmarks.co.uk/early-years/lets-compare
22/03/21	Shape, Space and Measure Weight and Capacity Stem sentence: ...is heavier than is lighter thanis empty... ...is nearly empty.... is full... ...is nearly full.... ...is half full....	Recap vocabulary used for weight- Heavier/Lighter Comparing the weight of objects by holding and guessing which will be the heaviest or lightest. Watch the following PowerPoints. • Which holds more • Light or Heavy • Capacity Potions Activity: Comparing the weight of objects by holding and guessing which will be the heaviest or lightest. We would like children to realise that just because an object is big in size that it is not necessarily the heaviest. Do you have a small heavy object that you could compare with a large but light object? Complete the sheet: How much does it hold?

Challenge: Complete the final sheets – EYFS Spring Maths Activity Mat pages 7-11 (Spatial Awareness, 3D shapes, 2D shapes)