

## Year 4 Mathematics Yearly Planning Overview

Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<u>(3 days)</u> <u>Inspirational maths</u> Positive maths mind set Intro to Problem solving poster	<u>Multiplication</u> Written methods (grid) Problem solving- <u>Distributive law</u>	<u>(4 days)</u> <u>Measure -Time</u> Recap yr 3 (telling the time (to 5 and 1 minute) <u>Know time facts (seconds to years)</u>	<u>Measure – Time</u> Telling the time: convert between 12 and 24 hr, solve problems	<u>(4 days)</u> <u>Place value &amp; decimal</u> Understanding PV ( $\times$ ÷ by 10, 100), rounding, problem solving, compare decimals, round decimal.	<u>MTC Check 1st June</u> Times Tables
2	<u>Place value</u> Identify, <u>represent &amp; estimate</u> , , read & write, Counting( 1000 more/less)	<u>Division</u> Grouping /sharing representations; Grouping – short division (recap sharing as bar model – see yr 3)	<u>Fractions</u> Equivalence: 3.7 (TP1-2) recognise and show using diagrams; common equivalents recognise and write decimal equivalents	<u>Measure -Money</u> Compare & estimate /measure & calculate:	<u>Addition and subtraction</u> Estimating answers & use inverse; use efficient strategies; 2 step problems	<u>MTC Check 8th June</u> Shape Symmetry
3	<u>Place Value</u> Compare, understand PV, <u>Rounding</u>	<u>Measure- length, mass, capacity</u> Compare & Estimate, measure & calculate. <u>Converting</u>	<u>Fractions</u> Equivalence: 3.7 (TP1-2) Problem solving: Fractions of quantities	<u>Measurement</u> <u>Perimeter &amp; Area</u> <u>Geometry - Shape</u> find perimeter of rectangle/ rectilinear shapes Measure and Calculate	<u>How Hill Week</u>	<u>Fractions</u> 3.6 (TP1-5) Multiplying whole numbers by fractions (year 5 obj taught early)
4	<u>Addition</u> Representations and vocab. Written: column method	<u>Fractions</u> <u>Recap:</u> Counting, recognise fractions, <u>find fraction of an amount(yr3), add and subtract fractions</u>	<u>Decimals</u> Recognise tenths as decimals; counting tenths; compare tenths on a number line; divide 1/ 2 digits by 10 Round decimals.	<u>Assessment</u> <u>Geometry-Position</u> Position & direction	<u>Multiplication &amp; division</u> Correspondence problems; Estimate answers and use inverse; Use efficient strategies; Word problems	<u>Assessment</u> <u>Statistics</u> Interpret charts (intro line graphs) Problem solving: compare (sum and difference)
5	<u>Subtraction</u> Representations and vocab, Written: column method <u>Find the difference (number line)</u>	<u>Assessment</u> <u>Fractions &amp; Decimals</u> Counting, recognise, compare decimals, rounding	<u>Problem Solving-</u> Division and multiplication Inverse, estimate & check Falcon strategies	<u>Geometry – shape</u> Angles, Compare and classify	<u>(4 days)</u> <u>Multiplication &amp; division</u> Correspondence problems; Estimate answers and use inverse; Use efficient strategies; Word problems	<u>Time</u> Duration and converting between minutes and hours
6	<u>Division &amp; Multiplication</u> Mental calculations, pictorial representations – inverse link	<u>Geometry – shape</u> Identify shape & properties, draw and construct	Consolidate Spring 1 and gap filling.		<u>Fractions</u> 3.5 (TP1-3) Improper fractions & mixed number (year 5 obj taught early)	<u>Catch up week</u>

7	<u>Problem Solving-</u> Addition and subtractions Inverse, estimate & check Falcon strategies	<u>Place value</u> Counting, rounding, problem solving, roman numerals, negative numbers				
8	<u>Consolidate/gap filling</u> <u>from Autumn 1</u>					