

Year 4 Mathematics Yearly Planning Overview 22-23

Summer 2 TBA- use to consolidate weakest areas

Refer to Yr4 skills overview for specific objectives to cover and Multi-tick on PA to see previous coverage

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