

Year 4 Maths Overview (2019-2020)



Includes a weekly times tables/mental maths/arithmetic session throughout the year. Problem solving and reasoning is integrated into lessons. Sometimes lessons will have a problem solving focus where a specific problem solving skill may be taught, but generally problem solving happens within the context of other lessons.

	1	2	3	4	5	6	7
Term 1	<u>Place Value</u> Value of digits in 4 digit numbers Place Value Additions Add and subtract powers of 10, nos > 1000 Use place value in calculations			<u>Addition and Subtraction</u> Partitioning and column addition Mental addition and subtraction – inc counting up, near multiples, written subtraction			
Term 2	<u>Measure and Data</u> Tell time to nearest minute 24 hour clock intervals Record data and interpret units of time Units of time; draw line graphs			<u>Multiplication and division</u> Double and halve 2 and 3 digit numbers Multiplication and division facts Grid multiplication using tables facts Division using efficient chunking Larger divisions with remainders			
Term 3	<u>Decimals and Fractions</u> Unit and non-unit fractions of an amount Equivalent fractions, simplest form One place decimals Multiplication and division of decimals (10, 100)			<u>Multiplication and Division</u> Times table facts Factors and multiples Multiply multiples of 10 and 100 Grid multiplication – Vertical layout Division – chunking with remainders			
Term 4	<u>Addition and Subtraction</u> Column addition (money/decimals) Subtraction (decimals/money) - counting up (to find change) Column addition, 4-digit numbers Subtraction, written methods			<u>Shape</u> Polygons, triangles, draw circles Identify 3-D Shapes Co-ordinates – draw polygons Line of symmetry – identify and construct Properties of polygons – angle types			
Term 5	<u>Addition and Subtraction</u> Column addition (inc, money) Column subtraction Choosing appropriate addition and subtraction methods for problems	<u>Decimals and Fractions(inc measures)</u> 1 and 2 place decimals Decimal/fraction equivalents, 10/100 th Compare, order 2-place decimals Add/subtract 0.1s and 0.01s – measure problems Equivalent fractions; fraction problems		<u>Multiplication and Division</u> Factors, multiples, mental multiplication Scaling and correspondence problems Efficient chunking with remainders			

Term 6	<p style="text-align: center;"> <u>Multiplication and Division</u> Multiplication problems, formal methods Revision of problems – all four operations </p> <p style="text-align: center;"> <u>Place Value</u> Place and round 4-digit numbers Negative numbers Count in 25s and 1000s Roman Numerals </p>	<p style="text-align: center;"> <u>Measures and Data</u> Measure in m, cm, m Convert units Use SI units – bar charts Area of rectilinear shapes Perimeter of rectilinear shapes </p>	<p style="text-align: center;"> Revision/Gap Filling as necessary </p>
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