

Year 6 Maths Yearly Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	<u>Place value</u> Read and write numbers to 10,000,000 Powers of 10 Compare, order and round any numbers Negative numbers		<u>Addition and subtraction</u> Add and subtract integers Common factors and multiples Prime, square and cube numbers Order of operations		<u>Multiplication and division</u> Short / long multiplication Short division Long division Long division with remainders Solve problems with multiplication and division Multi-step problems Mental calculation and estimation			<u>Fractions</u> Equivalent fractions / simplifying Compare / order fractions Add and subtract fractions Add and subtract mixed numbers Multi-step problems		<u>Assessment week</u>	<u>Fractions</u> Multiply fractions by integers and fractions Divide fractions by an integer Fractions of an amount Finding the whole	
Spring	<u>Ratio and proportion</u> Ratio symbol Ratio and fractions Scale factors Ratio and proportion problems Recipes	<u>Decimals</u> Round decimals Add and subtract decimals Multiply and divide by 10, 100 and 1,000 Multiply decimals Divide decimals		<u>Fractions, decimals and percentages</u> Equivalent fractions and decimals Fractions to percentages Equivalent fractions, decimals and percentages Order fractions, decimals and percentages Percentages of amounts		<u>Area, perimeter and volume</u> Area and perimeter Area of triangles and parallelograms Volume Volume of cuboids		<u>Shape</u> Measure, classify and calculate angles Angles in triangles, quadrilateral and polygons Missing angles Circles Nets of 3D shapes		<u>Position and direction</u> The four quadrants Problems with coordinates Translations and reflection	<u>Assessment week</u>	<u>Converting units</u> Convert metric measures Calculate with metric measures Miles and km Imperial measures
Summer	<u>Algebra</u> 2-step function machines Form expressions Form equations Solve 1 and 2-step equations Find pairs of values Solve problems with 2 unknowns		<u>Statistics</u> Line graphs Dual bar charts Read, interpret and draw pie charts (with percentages) The mean		<u>Consolidation</u>		<u>Themed projects, consolidation and problem solving</u>					

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