



Maths Overview - Year Six

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number: Place Value		Assessment Week	Number : Place Value	Number: Addition, Subtraction, Multiplication and division			Number: Fractions				Assessment Week	Geometry: Position & Direction	
Spring	Number: Decimals		Number: Percentages		Measurement: Converting units	Measurement: Perimeter, Area and Volume		Ratio	Revision	Assessment Week	Statistics			
Summer	Revision			Assessment Week	Geometry: Revision Shape		Algebra		Consolidation & Investigation					

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Autumn	<p>Place value</p> <p>I can round any whole number</p> <p>I can read and write numbers up to 10 000 000 and determine the value of each digit</p> <p>I can order and compare numbers up to 10 000 000</p> <p>I can use negative numbers in context, and calculate intervals across zero</p> <p>I can solve number and practical problems that involve ordering numbers, missing number problems and negative numbers</p>	Assessment Week	<p>Place value cont.</p>	<p>Addition, subtraction, multiplication & division</p> <p>I can add and subtract multi-digit numbers using the formal written methods</p> <p>I can multiply multi-digit numbers up to 4 digits by a two digit whole number using long multiplication</p> <p>I can divide multi-digit numbers up to 4 digits by a two digit whole number using division</p> <p>I can interpret remainders as whole numbers, decimal, or by rounding within a context</p> <p>I can complete mental calculations, with mixed operations and large numbers</p> <p>I know common factors, common multiples and prime numbers</p> <p>I can use my knowledge of the order of operations to carry out calculations involving the four operations</p> <p>I can use formal methods to solve multistep word problems, choosing the correct operations to use and why</p> <p>I can use estimation to check answers to calculations</p>	<p>Fractions, decimals & percentages</p> <p>I can use common factors to simplify fractions; use common multiples to express fractions in the same denomination</p> <p>I can compare and order fractions, including fractions greater than 1</p> <p>I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</p> <p>I can multiply simple pairs of proper fractions, writing the answer in its simplest form</p> <p>I can divide proper fractions by whole numbers [for example, $1/3 \div 2 = 1/6$]</p> <p>I can associate a fraction with division and calculate decimal fraction equivalent for a simple fraction</p> <p>I can identify the value of each digit in numbers given to three decimal places</p> <p>I can multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places</p> <p>I can multiply one-digit numbers with up to two decimal places by whole numbers</p> <p>I can use a written method of division in cases where the answer has up to two decimal places</p> <p>I can recall and use equivalences between simple fractions, decimals and percentages</p> <p>I can solve problems which require answers to be rounded to specified degrees of accuracy</p>	Assessment Week	<p>Geometry Position & Direction</p> <p>I can describe positions on a full coordinates grid</p>
	<p>Place value</p>		<p>Addition, subtraction, multiplication & division</p>	<p>Fractions, decimals & percentages</p>	<p>Geometry Position & Direction</p>		



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Summer	Revision			Assessment Week	Shape I can draw 2-D shapes using given dimensions and angles I can describe simple 3D shapes I can recognise, describe and build simple 3-D shapes, including making nets I can compare and classify geometric shapes based on their properties I can find unknown angles in triangles, quadrilaterals and polygons I can draw and name parts of circles, including radius, diameter and circumference I know that the diameter is twice the radius I can recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles I can describe positions on a full coordinates grid I can draw and translate simple 2D shapes on the coordinate plane, and reflect them in the axes		Algebra I can express missing number problems algebraically I can use simple formulae I can generate and describe linear number sequences I can find pairs of numbers that satisfy an equation with two unknowns I can enumerate possibilities of combinations of two variables		Consolidation & Investigation					