Year 6 – 24/25

Maths Long Term Plan and Assessment Schedule

	Maths Long Term Plan and Assessment Schedule											
	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	<ul> <li>determine the</li> <li>round any who required degre</li> <li>use negative m and calculate in</li> <li>solve number a that involve all</li> </ul>	10 000 000 and value of each digit le number to a e of accuracy umbers in context, ntervals across zero nd practical problems	<ul> <li>perform mental calcul</li> <li>use their knowledge of</li> <li>solve addition and sub</li> <li>solve problems involvi</li> <li>use estimation to cheat</li> <li>solve problems which</li> <li>solve problems which</li> <li>solve problems involvi</li> <li>places where approprion</li> <li>multiply multi-digit numultiplication</li> <li>multiply one-digit num</li> <li>divide numbers up to remainders as whole remainders as whole remainders as whole remainders interpreting remainder</li> <li>use written division main average</li> <li>identify common factor</li> <li>perform mental calcul</li> <li>express missing numb</li> <li>find pairs of numbers</li> </ul>	multiply one-digit numbers with up to two decimal places by whole numbers divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context use written division methods in cases where the answer has up to two decimal places calculate and interpret the mean as					nination r fractions, including fra ractions with different o ent fractions irs of proper fractions, w	use common multiples actions > 1 denominators and mixed writing the answer in its [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$	d numbers, using the simplest form [for	Measurement Converting Unitssolve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriateuse, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal placesconvert between fmmasure to a larger unit, and vice versa, using decimal notation to up to three decimal placesconvert between miles and kilometres
		Baseline Assessment		Place Value Assessment				Addition and Subtraction, multiplication and division Assessment				Autumn term progress checks Paper 1 – Arithmetic Paper 2 - Reasoning

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TVIG		s Long Term Plan and Assessment Schedule										
	1	2	3	4	5	6	7	8	9	10	11	12
Spring	Ratio and Proportion         • solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts         • solve problems involving similar shapes where the scale factor is known or can be found         • solve problems involving unequal sharing and grouping using knowledge of fractions and multiples		<ul> <li>Algebra</li> <li>express missing r algebraically</li> <li>use simple formu- words</li> <li>generate and des sequences</li> <li>find pairs of num equation with tw</li> <li>enumerate possi combinations of r</li> <li>convert between kilometres (<i>Meas</i>)</li> </ul>	ulae expressed in scribe linear number ubers that satisfy an vo unknowns bilities of two variables n miles and	and multiply and	e of each digit in o three decimal places l divide numbers by 10, <i>i</i> ng answers up to three	calculate decim: [for example, 0. [for example, <sup>3</sup> / <sub>8</sub> ] recall and use ear simple fractions in different cont solve problems of percentages   measures, and s	ion with division and al fraction equivalents 375] for a simple fraction quivalences between and decimals, including exts involving the calculation for example, of uch as 15% of 360] and intages for comparison	<ul> <li>vice versa</li> <li>recognise when it is formulae for area a</li> <li>calculate the area of triangles</li> <li>calculate, estimate of cubes and cuboi units, including cen</li> </ul>	bes with the same erent perimeters and s possible to use nd volume of shapes of parallelograms and and compare volume ds using standard timetre cubed (cm <sup>3</sup> ) n <sup>3</sup> ), and extending to	line graphs and u problems	nstruct pie charts and use these to solve erpret the mean as
	Fractions Assessment	Converting units Assessment		Ratio and proportion Assessment	Algebra Assessment		Decimals Assessment		Fractions, decimals and percentages Assessment		Area and Perimeter and volume Assessment	Spring term progress checks Paper 1 – Arithmetic Paper 2 - Reasoning

	1	2	3	4	5	6	7	8	9	10	11	12		
Summer	<ul> <li>Shape         <ul> <li>draw 2-D shapes using given dimensions and angles</li> <li>recognise, describe and build simple 3-D shapes, including making nets</li> <li>compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons</li> <li>recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles</li> <li>illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</li> </ul> </li> </ul>			<ul> <li>Position and Direction         <ul> <li>describe positions on the full coordinate grid (all four quadrants)</li> <li>draw and translate simple shapes on the coordinate plane, and reflect them in the axes</li> </ul> </li> </ul>	SATs Themed projects, consolidation and problem solving.									
	Statistics Assessment			Shape Assessment	Position and Direction Assessment									