



Half term points						
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7	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	N1.2 multiplying N7.2 factors, primes, powers N3.2 rounding GM1.5 scales GM5.2 Coordinates GM5.3 Translation	N1.3 decimals SP1.1 Averages and range SP2.2 Stem and leaf GM2.4 Rotational symmetry GM6.1 3-D shapes	N1.5/6 negative numbers SP3.1 collecting data A1.3 combining variables A1.4 working with formulae	N4.3 Multiplying fractions GM2.3 Angle facts A2.2 generating sequences	N5.3 Fraction, decimal, percentages SP4 probability GM2.5 angles in triangles and quadrilaterals	N7.3 divisibility N3.4/5 rounding A3.1 real life graphs GM3.2 area and perimeter
	Hot assessments per topic – 10 questions LBQ Sats paper	Hot assessments per topic – 10 questions	Hot assessments per topic – 10 questions	Hot assessments per topic – 10 questions	Hot assessments per topic – 10 questions	Hot assessments per topic – 10 questions
	<b>Key skills and knowledge assessed:</b>	<b>Key skills and knowledge assessed:</b>	<b>Key skills and knowledge assessed:</b>	<b>Key skills and knowledge assessed:</b>	<b>Key skills and knowledge assessed:</b>	<b>Key skills and knowledge assessed:</b>
	<ul style="list-style-type: none"> <li>Solve problems using factors/multiples, primes</li> <li>Round numbers to a given DP</li> <li>Describe multiple translations</li> <li>Know the first 6 cube numbers and corresponding roots</li> <li>Know the first 12 triangular numbers</li> <li>Know the first 15 square numbers and corresponding roots</li> <li>Know how to round to decimal places</li> <li>Know the conventions for a 2-d coordinate shape</li> </ul>	<ul style="list-style-type: none"> <li>Convert between metric units</li> <li>Find averages, mode, median, mean, range</li> <li>Know how to calculate the range</li> <li>Know how to calculate the median, mean and mode/modal from data sets</li> <li>Know how to convert metric units e.g. mm -cm-m-km and reverse</li> </ul>	<ul style="list-style-type: none"> <li>Apply for four operations with negative number</li> <li>Simplify algebraic expressions</li> <li>Use formulae expressed in words/ letters</li> <li>Work out the nth term</li> <li>Know how to use negative numbers</li> <li>Know how to identify formulae from given text</li> <li>Know how to use negative numbers with the operations</li> <li>Know how to simplify algebraic expressions</li> </ul>	<ul style="list-style-type: none"> <li>Multiply and divide fractions with mixed numbers</li> <li>Calculate angles</li> <li>Angle facts</li> <li>Know how to multiply and divide fractions</li> <li>Know equivalent fractions with a denominator of 2,3,4,5,8 and 10</li> <li>Know how to calculate angles in polygons</li> <li>Know how to label angles and find lengths</li> <li>Know how to identify alternate and corresponding angles</li> <li>Know that vertically opposite angles are equal</li> <li>Know basic algebraic notation</li> <li>Know how to find the nth term of a linear sequence e.g. <math>2n+3</math></li> </ul>	<ul style="list-style-type: none"> <li>Convert between mixed numbers and improper fractions, fractions, decimals, and percentages</li> <li>List probability outcomes</li> <li>state the probability of an event</li> <li>Complete and use probability tables and diagrams</li> <li>Complete 2-way tables and state the probability</li> <li>Know how to convert between fractions – decimals – percentages</li> <li>Convert between mixed numbers and improper fractions</li> <li>Know percentage and decimal equivalents for fractions with a denominator of 2,3,4,5,8 and 10</li> <li>Know probability is out of one</li> <li>Know that probability is measured on a 0 -1 scale</li> </ul>	<ul style="list-style-type: none"> <li>Draw linear graphs – real life situations</li> <li>Calculate the area of shapes e.g. trapezium, rectangle, triangle, parallelogram</li> <li>Calculate the area of compound shapes</li> <li>Calculate the perimeter of shapes</li> <li>Know how to set up the axis for graphs and real-life graphs, and how to present given data</li> <li>Know the formulae to find the area of shapes</li> </ul>