

Time Period	Autumn Term	Spring Term	Summer Term
Content	<ul style="list-style-type: none"> Negative numbers Basic Algebra Four operations with whole numbers and decimals, including rounding and BIDMAS Perimeter, Area & Volume Sequences 	<ul style="list-style-type: none"> Fractions and Percentages Angles Coordinates and graphs Statistics Probability Revision of key topics from Autumn Term 	<ul style="list-style-type: none"> Linear Equations Ratio Symmetry Interpreting data 3D shapes Revision of key topics from Spring and Summer Terms
Skills	<p>Number 12 and 24 hour clock, read and use a calendar, everyday money problems, simple arithmetic with negative numbers</p> <p>square numbers, rounding (to the nearest 10, 100, 1000), order of operations (BIDMAS), multiplication and division problems without a calculator, units of measurements (conversions)</p> <p>multiply and divide by 10, 100, 1000 and 10 000, order decimals, estimate the answer to a calculation, add and subtract decimals, multiply and divide decimals by whole numbers</p> <p>Algebra expressions and substitution, simplify expressions, use and write simple formulae</p> <p>function machines, sequences and rules, work out the missing terms in a sequence (including patterns), sequence of square numbers and triangular numbers</p> <p>Geometry measure and draw lines using a ruler, work out the perimeter and area of 2D shapes on a grid, use simple formulae to work out perimeter and area of rectangles</p>	<p>Number equivalent fractions, simplifying and comparing fractions, add and subtract fractions, conversion between mixed numbers and improper fractions, add and subtract mixed numbers</p> <p>percentage, fraction and decimal equivalence, work out a fraction or a percentage of an amount, work out percentage increase and decrease</p> <p>Algebra coordinates in all four quadrants, recognise and draw straight line graphs of the form $x = a$ and $y = a$, draw a graph from a simple rule, graphs in the real world</p> <p>Geometry measure and draw angles with a protractor, calculate angles at a point, on a straight line and in a right angle, properties of triangles and quadrilaterals,</p> <p>Probability and Statistics calculate the mean, mode, median and range, read and interpret pictograms, tally charts, bar charts and line graphs, use grouped frequency tables</p> <p>use keywords related to probability, probability scales, understand the difference between theoretical and experimental probability</p>	<p>Algebra solve one and two step equations using function machines, set up and solve simple equations</p> <p>Ratio understand the relationship between fractions and ratios, simplify ratios, work out equivalent ratios, sharing and comparing quantities using ratios</p> <p>Geometry lines of symmetry, rotational symmetry, reflections and tessellations,</p> <p>identify 3D shapes and their properties, draw and construct nets of 3D shapes, understand the relationship between faces, edges and vertices in 3D shapes</p> <p>Statistics interpret data from pie charts where data is given in simple sectors, use of median and range to compare data, interpret data from simple charts/graphs</p>
Assessment week and content	<p>04.11.25</p> <p>All of the above, except content highlighted in green</p>	<p>10.02.26</p> <p>Grow and Succeed Content highlighted in green in Autumn Term and Spring Term</p>	<p>w/c 11.05.26</p> <p>All the content covered over the year</p>