

	Learning Cycle 1	Learning Cycle 2	Learning Cycle 3
Year 7	<p>Number</p> <p>Place value, addition and subtraction</p> <p>Multiplication and division</p>	<p>Geometry</p> <p>2D shape in a 3D world</p> <p>Fractions</p>	<p>Algebra</p> <p>Use and Interpret algebraic notation</p> <p>Percentages and pie charts</p>
Year 8	<p>Algebra – expressions</p> <p>Modelling problems using variables</p> <p>Substitution</p>	<p>Algebra – equations of formulae</p> <p>Use substitution to check solutions</p> <p>Rearrange expressions and formulae</p>	<p>Algebra – co-ordinates and graphs</p> <p>Interpreting gradients as rates of change</p>
Year 9	<p>Number: place value, indices and roots</p> <p>Factors, Multiples and Primes</p> <p>Algebra: working with brackets, forming and solving equations</p>	<p>Data: averages and the range</p> <p>Interpreting and representing data</p> <p>Number: fractions, decimals, percentages and ratio</p>	<p>Geometry: Polygons and Pythagoras' Theorem</p> <p>Circles and Similarity</p> <p>Angles on Parallel lines</p>