

## Year 7

	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b
Topics Covered	<ul style="list-style-type: none"> <li>Integers, powers and roots;</li> <li>Sequences, functions and graphs;</li> <li>Geometrical reasoning: lines, angles and shapes</li> </ul>	<ul style="list-style-type: none"> <li>Construction and loci;</li> <li>Probability;</li> <li>Ratio and proportion;</li> <li>Equations, formulae, identities and expressions;</li> <li>Measure and mensuration - area</li> </ul>	<ul style="list-style-type: none"> <li>Sequences, functions and graphs - coordinates;</li> <li>Mental calculations and checking;</li> <li>Written calculations and checking;</li> </ul>	<ul style="list-style-type: none"> <li>Transformations;</li> <li>Processing and representing data, interpreting and discussing results;</li> <li>Solving problems</li> </ul>	<ul style="list-style-type: none"> <li>Fractions, decimals and percentages;</li> <li>Measures and mensuration</li> </ul>	<ul style="list-style-type: none"> <li>Calculations and checking;</li> <li>Geometrical reasoning and mensuration;</li> <li>Statistical enquiry</li> </ul>

## Year 8

	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b
Topics Covered	<ul style="list-style-type: none"> <li>Integers. Powers and roots;</li> <li>Sequences, functions and graphs;</li> <li>Geometrical reasoning: lines, angles and shapes;</li> <li>Construction and loci</li> </ul>	<ul style="list-style-type: none"> <li>Probability;</li> <li>Ratio and proportion;</li> <li>Equations, formulae, identities and expressions;</li> <li>Measures and mensuration - area</li> </ul>	<ul style="list-style-type: none"> <li>Sequences, functions and graphs;</li> <li>Mental calculations and checking;</li> <li>Written calculations and checking</li> </ul>	<ul style="list-style-type: none"> <li>Transformations and coordinates;</li> <li>Processing and representing data: interpreting and discussing results;</li> <li>Equations, formulae, identities and expressions</li> </ul>	<ul style="list-style-type: none"> <li>Fractions, decimals and percentages;</li> <li>Measures and mensuration;</li> <li>Equations, formulae, identities and expressions</li> </ul>	<ul style="list-style-type: none"> <li>Sequences, functions and graphs: using ICT;</li> <li>Calculations and checking;</li> <li>Geometrical reasoning: coordinates and construction</li> <li>Measures and mensuration: volume;</li> <li>Statistical enquiry</li> </ul>

## Year 9

	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b
Topics Covered	<ul style="list-style-type: none"> <li>Integers. Powers and roots;</li> <li>Sequences, functions and graphs;</li> <li>Geometrical reasoning: lines, angles and shapes;</li> <li>Construction and loci</li> </ul>	<ul style="list-style-type: none"> <li>Probability;</li> <li>Ratio and proportion;</li> <li>Equations, formulae, identities and expressions;</li> <li>Measures and mensuration - area</li> </ul>	<ul style="list-style-type: none"> <li>Sequences, functions and graphs;</li> <li>Mental calculations and checking;</li> <li>Written calculations and checking</li> </ul>	<ul style="list-style-type: none"> <li>Transformations and coordinates;</li> <li>Processing and representing data: interpreting and discussing results;</li> <li>Equations, formulae, identities and expressions</li> </ul>	<ul style="list-style-type: none"> <li>Fractions, decimals and percentages;</li> <li>Measures and mensuration;</li> <li>Equations, formulae, identities and expressions</li> </ul>	<ul style="list-style-type: none"> <li>Sequences, functions and graphs: using ICT;</li> <li>Calculations and checking;</li> <li>Geometrical reasoning: coordinates and construction</li> <li>Measures and mensuration: volume;</li> <li>Statistical enquiry</li> </ul>
Important Dates					Functional Skills tests	

## Year 10

	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b
Topics Covered	<ul style="list-style-type: none"> <li>• Visualising space;</li> <li>• Processing and representing data;</li> <li>• Processing, organizing and manipulating measures;</li> <li>• Visualising generalizations and functions;</li> <li>• Investigating directed numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Reasoning with multiplication and division;</li> <li>• Processing and representing data;</li> <li>• Visualising 3D solids;</li> <li>• Pattern sniffing with fractions, decimals and percentages;</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Interpreting and discussing;</li> <li>• Solving problems with fractions;</li> <li>• Solving equations;</li> <li>• Investigating circle relationships;</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Solving area problems;</li> <li>• Specifying the problem and planning;</li> <li>• Describing spatial patterns;</li> <li>• Investigating properties of triangles</li> </ul>	<ul style="list-style-type: none"> <li>• Solving problems with fractions and percentages;</li> <li>• Solving volume problems;</li> <li>• Tinkering shapes using enlargement;</li> </ul>	<ul style="list-style-type: none"> <li>• Investigating using geometrical reasoning; Handling data cycle;</li> <li>• Pattern sniffing with indices;</li> <li>• Investigating the number system</li> </ul>
Important Dates				Module tests		

## Year 11

	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b	
Topics Covered	<ul style="list-style-type: none"> <li>• Patter sniffing with indices;</li> <li>• Specifying positions using geometrical information;</li> <li>• Solving problems with fractions and percentages;</li> <li>• Investigating quadratics;</li> <li>• Solving area problems;</li> <li>• Solving problems involving fractions</li> </ul>	<ul style="list-style-type: none"> <li>• Processing and representing data – probability;</li> <li>• Describing spatial patterns;</li> <li>• Manipulating shapes using enlargement;</li> <li>• Solving and visualizing problems involving inequalities;</li> <li>• Revision for mock GCSE</li> </ul>	<ul style="list-style-type: none"> <li>• Mock GCSE;</li> <li>• Investigating circle relationships;</li> <li>• Solving volume problems</li> <li>• Reasoning with ratio and proportion</li> </ul>	<ul style="list-style-type: none"> <li>• Processing, organizing and manipulating measures;</li> <li>• Investigating using geometrical reasoning;</li> <li>• Exam practice</li> </ul>	<ul style="list-style-type: none"> <li>• Exam practice</li> </ul>		
Important Dates			Module tests/resits		GCSE exam	GCSE exam/module tests/resits	