



Key Stage 4 Foundation Tier Curriculum Overview

Year 10				
Autumn	<ul style="list-style-type: none"> Negative numbers and hierarchy of operations Decimals Powers, roots and index laws 	<ul style="list-style-type: none"> Factors, multiples and primes Algebra review Expressions, formulae and substitution 	<ul style="list-style-type: none"> Tables, charts and graphs Pie charts Scatter graphs 	<ul style="list-style-type: none"> Fractions, decimals and percentages equivalence Calculating with percentages
Spring	<ul style="list-style-type: none"> Equations and inequalities Sequences 	<ul style="list-style-type: none"> Properties of shapes Parallel lines and angle facts 	<ul style="list-style-type: none"> Interior and exterior angles of polygons Statistics, sampling and the averages 	<ul style="list-style-type: none"> Perimeter, area and volume
Summer	<ul style="list-style-type: none"> Real-life graphs Straight-line graphs 	<ul style="list-style-type: none"> Transformations 	<ul style="list-style-type: none"> Ratio Proportion 	<ul style="list-style-type: none"> Pythagoras' theorem Trigonometry
Year 11				
Autumn	<ul style="list-style-type: none"> Probability Multiplicative reasoning 	<ul style="list-style-type: none"> Plans and elevations Constructions, loci and bearings 	<ul style="list-style-type: none"> Quadratic equations Quadratic graphs Circles, cylinders, cones and spheres 	<ul style="list-style-type: none"> Fractions and reciprocals Indices and standard form
Spring	<ul style="list-style-type: none"> Similarity and congruence in 2D Vectors Rearranging equations 	<ul style="list-style-type: none"> Graphs of cubic and reciprocal functions Simultaneous equations 	<ul style="list-style-type: none"> Revision and review 	

This framework follows the content and assessment objectives set out by DfE and Ofqual and, hence, reflects the requirements of GCSE mathematics offered by AQA, Eduqas, OCR and Pearson Edexcel.

