

Maths - KS4

Overview

At Impact, we strive to ensure that students are provided with access to important mathematical ideas to develop knowledge and skills that will draw on their future lives. This curriculum builds on students' prior learning and focuses on developing understanding within mathematics. This enables the students to respond to both familiar and unfamiliar situations by using mathematics to make informed decisions and solve problems efficiently.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Calculating with percentages. Measures. Statistical measures. Indices.	Standard form. Constructions and Loci. Congruence and similarity. Algebra recap and extension.	Trigonometry. Further perimeter and area. Further circumference and area.	Probability, Properties of polygons. Number review.	Algebra review. Simultaneous equations. Transformations.	Real life graphs Inequalities
Year 11	Algebra: Quadratics, Rearranging Formulae and Manipulation. Inequalities. Direct and inverse proportion. Vectors.	Trigonometry. Volume.	Algebra and graphs. Growth and decay. Sketching graphs.	Solving quadratic equations. Quadratic graphs.	Bespoke revision and exam preparation.	