

Maths at a Glance	
Head of Department	Mrs E Hanton
Lessons per fortnight	8
Homework per fortnight	120 mins

Year 10 Maths

1. Course & Subject Information

Year 10 students follow the foundation or higher scheme of work, building on the content from year 9. The student's current working grade and end of key stage target are used to decide which route is followed. Students are regularly assessed to ensure that they are making appropriate progress over the academic year. Progress and attainment are monitored and tracked and bespoke intervention put in place where applicable. There is a strong focus on reasoning, problem solving and fluency so that students become confident and skilled in Maths.

2. Course/Subject Structure

	Foundation	Higher
Term 2	<ul style="list-style-type: none"> Standard form Calculating with percentages Measures Statistical measures Indices Construction and loci 	<ul style="list-style-type: none"> Calculating with percentages Measures Surds Statistical measures Indices Properties of polygons
Term 3	<ul style="list-style-type: none"> Algebra Congruence and similarity Introduction to trigonometry Further perimeter and area Graphs Further circumference and area 	<ul style="list-style-type: none"> Number Congruence and similarity Pythagoras and trigonometry Simultaneous equations Probability Statistics
	<ul style="list-style-type: none"> Simultaneous equations Properties of polygons Real-life graphs Probability 	<ul style="list-style-type: none"> Quadratics and rearranging formulae Volume Algebra Sketching graphs Linear and quadratic equations and graphs Geometry and measures

3. Recommended texts or websites to support home learning

www.mymaths.co.uk, www.mathswatchvle.com

4. Specialist Equipment/Materials Required if applicable

Students should come to every lesson with the basic equipment of a pen, pencil and ruler together with specific maths equipment including protractor, compass and a calculator.