

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

Year 9 Maths

1. Course & Subject Information

Year 9 students follow the foundation or higher scheme of work. The student's current working grade and end of key stage target are used to make this decision. 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 1	<ul style="list-style-type: none"> Number Factors and multiples Angles Scale drawings and bearings Algebra Fractions Co-ordinates and linear graphs Decimals Rounding Collecting and representing data 	<ul style="list-style-type: none"> Number Factors and multiples Angles Scale drawings and bearings Algebra review Fractions Co-ordinates and linear graphs Decimals Rounding Collecting and representing data Sequences
Term 2	<ul style="list-style-type: none"> Sequences Percentages Introduction to perimeter and area Introduction to circumference and area Ratio and proportion Probability 	<ul style="list-style-type: none"> Percentages Perimeter and area Real-life graphs Circumference and area Ratio and proportion Equations
Term 3	<ul style="list-style-type: none"> Equations Scatter diagrams Transformations Pythagoras Theorem 2D representations of 3D shapes 	<ul style="list-style-type: none"> Probability Scatter diagrams Standard form Transformations Construction and loci 2D representations of 3D shapes

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.