

Maths at a Glance	
Head of Department	Mrs E Hanton
Lessons per fortnight	7
Homework per fortnight	90 mins

Year 8 Maths

1. Course & Subject Information

Students in year 8 follow a scheme of work that builds on their subject knowledge in order to develop the mastery and fluency in key topics that will prepare them for their KS4 course. Students will be assessed regularly over the academic year and set changes can occur after each assessment. All progress and attainment is tracked and monitored throughout the year, with key strengths and areas for development identified, and interventions put in place where applicable. The expectation and aim is for students to not only be able to "do" Maths, but be able to solve problems by selecting the correct mathematical "tool" to use.

2. Course/Subject Structure

Term 1	<ol style="list-style-type: none"> 1. Number and the number system 2. Calculation 3. Properties of shape 4. Algebraic proficiency
Term 2	<ol style="list-style-type: none"> 5. Fractions, decimals and percentages 6. Proportional reasoning 7. Sequences 8. Angles 9. Measures
Term 3	<ol style="list-style-type: none"> 10. Equations and inequalities 11. Area 12. Estimation 13. Coordinates and transformations 14. Handling data

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.