

YEAR 10	Term 1 (September – December)	Term 2 (January – March)	Term 3 (April – July)
Themes	Algebra Geometry and measures Ratio	Geometry and measures Ratio Statistics Probability	
<p>Build on prior knowledge gained in KS3</p> <p>Understand the Foundations of GCSE Maths</p> <p>Develop reasoning and problem solving in all areas</p> <p>Develop confidence and fluency across all disciplines</p>	<p><u>Unit 10: Ratio and Scale</u> Simplify and use ratio and fractions, use maps and scales, similar shapes</p> <p><u>Unit 11: Sequences</u> Recognise, use and continue sequences, use and find nth terms of linear sequences</p> <p><u>Unit 12: Algebraic Graphs</u> Function machines, linear and non-linear graphs, real life graphs</p> <p><u>Unit 13: Symmetry, Transformations, Congruence & Similarity</u> Line and rotational symmetry, do and describe transformations, congruence and similarity</p> <p><u>Unit 14: Ratio and Rates of Change</u> Unit conversion, compound measure, gradients of graphs, rates of pay and cost</p>	<p><u>Unit 15: Constructions and Loci</u> Accurate drawing and measuring, constructions</p> <p><u>Unit 16: Ratio and Proportion</u> Direct and Inverse proportion, graphs</p> <p><u>Unit 17: Averages</u> Averages and range, comparing data</p> <p><u>Unit 18: Pythagoras and Trigonometry</u> Rounding, Pythagoras theorem, line segments and midpoints, introduction to trigonometry</p>	<p>Foundation / Higher Scheme of Work</p>
Assessment	5 end of unit checkpoints One in-class GCSE Paper Two GCSE assessments	4 end of unit checkpoints One GCSE assessment	One GCSE assessment Three GCSE mock assessments