

Year 11	Curriculum Content Mathematics	Home Learning and Wider Study
	<p>Following the Edexcel scheme of work a topic will be taught for 4 weeks, tested and then 2 weeks of therapy will commence in order to ensure that all topics have been thoroughly learnt by all students. Students will be offered catch up sessions after school as well. Please note that this KS4 scheme of work is an exemplar of what you may study at either foundation or higher level.</p>	
Autumn 1	<p>Algebra brackets, formula, simplifying (simplifying terms, expanding and factorising expressions, expanding polynomials) Sequences (recognise the rule for a pattern, calculating the nth term and recognising the nth term of special sequences) Therapy and intervention</p>	<p>May include; Mathswatch Corbett maths Hegarty maths A worksheet as decided</p>
Autumn2	<p>Number properties and calculations (applying all operations to decimals, ordering decimals, index laws, powers of ten, prime factors, calculating and estimating.) <i>Real life links; powers of 10 linked to distance of planets and size of microbes.)</i> Therapy and intervention</p>	<p>by the class teacher Please check my homework</p>
Spring 1	<p>Angles and lines (trigonometry, read and plot coordinates, calculate missing angles on a 2d plane including parallel lines) Transformations (enlarge, translate, rotate and reflect shapes on a Cartesian plane, draw shapes using 2D isometric paper) Constructions and loci (using the appropriate mathematical equipment to construct angles and bisectors) <i>Real life links; architecture</i></p>	
Spring 2	<p>Therapy and intervention</p>	
Summer 1	<p>Therapy, intervention and revision</p>	
<p>Additional subject specific guidance and resources:</p> <p>All content is linked to the Edexcel scheme of work, with assessment points every four weeks, followed by two weeks of therapy.</p> <p>Intervention sessions will take place during form time and after school on a Wednesday evening in the Maths department.</p>		