



Curriculum Map Year 11

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit of work	17. Perimeter, area and volume 18. Fractions, indices and standard form 19. Similarity	19. Congruence and Vectors 20. Further Algebra	Bespoke teaching based on gaps identified from Trial Exam 1. Consolidation and extension of knowledge of the different strands of Maths (Number, Algebra, Geometry and Measures and Statistics)	Bespoke teaching based on gaps identified from Trial Exam 1/2. Consolidation and extension of knowledge of the different strands of Maths (Number, Algebra, Geometry and Measures and Statistics)	In class exam practice Exams begin	Exams
Core Skills	Know the formula for calculating the area of 2D shapes. Know how to use the four operations on a calculator. Name common 3D shapes. To convert between mixed numbers and improper fractions. Know least common multiples. Four operations with fractions Recall the index laws for multiplying and dividing positive integer powers.	Use of column vectors from translation Adding and subtracting negative numbers Know that the sum of the angles in a triangle must be 180° Find corresponding and alternate angles Substitute into and solve equations Plot coordinates and sketch simple functions with a table of values	Short term plans will be developed for Spring term 2 based on the DTT model (Diagnosis - from assessments to identify gaps in core skills and knowledge, Therapy - areas where students are less secure will be taught to students and then Testing will ensure that the therapy/teaching has been effective. The short term plans will be shared with students by their relevant class teacher	Short term plans will be developed for Spring term 2 based on the DTT model (Diagnosis - from assessments to identify gaps in core skills and knowledge, Therapy - areas where students are less secure will be taught to students and then Testing will ensure that the therapy/teaching has been effective. The short term plans will be shared with students by their relevant class teacher		
Core Knowledge	17.1 Circle and Semicircles 17.2 Composite 2d shapes and cylinders 17.3 Pyramids and cones 17.4 Spheres and composite solids 18.1 Fractions 18.2 Laws of indices 18.3 Converting large numbers in standard form 18.4 Converting small numbers in standard form 18.5 Calculating with standard form 19.1 Similarity and enlargement 19.2 Using similarity	19.1 Recognise and use congruence 19.2 Vectors arithmetic using column vectors 20.1 Graphical representations of vectors 20.2 Non linear graphs 20.3 Simultaneous equations graphically 20.4 Rearranging formula 20.5 Proof	All aspects of Number, Algebra, Geometry, Measures and Statistics covered in the Edexcel specification that have been identified as areas for development	All aspects of Number, Algebra, Geometry, Measures and Statistics covered in the Edexcel specification that have been identified as areas for development		
Assessment & Feedback	Mni Assessment at the end of every unit and end of half term assessment. A feedback sheet will be affixed to the students books, while their assessments will be kept in a folder in the classroom.	Mini assessment at the end of every unit and end of half term assessment. A feedback sheet will be affixed to the students books, while their assessments will be kept in a folder in the classroom.	Mini assessment at the end of every unit and end of half term assessment. A feedback sheet will be affixed to the students books, while their assessments will be kept in a folder in the classroom.	Bespoke mini assessment at the end of every unit and end of half term assessment. A feedback sheet will be affixed to the students books, while their assessments will be kept in a folder in the classroom.	Bespoke mini assessment at the end of every unit and end of half term assessment. A feedback sheet will be affixed to the students books, while their assessments will be kept in a folder in the classroom.	
Link to prior learning	Core skills are reviewed as starters and set as homework to reinforce core knowledge	Core skills are reviewed as starters and set as homework to reinforce core knowledge	Core skills are reviewed as starters and set as homework to reinforce core knowledge	Core skills are reviewed as starters and set as homework to reinforce core knowledge	Core skills are reviewed as starters and set as homework to reinforce core knowledge	