

		convert between numbers in ordinary and standard index form (with and without a calculator) simplify surd expressions. rationalise the denominator of a surd. carry out addition, subtraction, multiplication and division calculations involving surds.	
Year 10 Summer 2	<i>Unit 20 – Trigonometry</i> <i>Unit 21 - Vectors</i>	apply the trigonometric ratios to find lengths and angles in right angled triangles and other 2 dimensional shapes. SOHCAHTOA apply the sine rule to find unknown lengths and angles in triangles. apply the cosine rule to find unknown lengths and angles in triangles. know and apply Area = $\frac{1}{2} ab \sin C$ to calculate the area, sides or angles of any triangles apply addition and subtraction of vectors, multiplication by a scalar and diagrammatic and column representations of vectors	End of Year Exams, usually first week back after May half term. Setting for Y11 will be based on performance across the year, but most heavily based on summer exam.