GCSE – YEAR 10 - MATHS – CURRICULUM OVERVIEW

Autumn Term		Spring Term		Summer Term	
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Key Themes	**Key Themes**	**Key Themes**	**Key Themes**	**Key Themes**	**Key Themes**
Algebra - Solving and forming equations Using and rearranging Formulae Relationship between equations, formulae and graphs	Shape – Trigonometry Geometric Reasoning	Statistics – How to sample data appropriately and what bias looks like. Represent data visually and when particular visuals are appropriate and inappropriate Analyse data using averages and measures of spread	Shape – Area, volumes and surface areas Error intervals and upper and lower bounds Compound measures Transformations of shapes Loci	Proportion – Using decimals, percentages, fractions and ratio to solve complex calculations in the abstract and real life situations. Direct and inverse Proportion	Number – Know what an irrational number is. Understand the equivalence between recurring decimals and fractions and be able to find the fraction of a recurring decimal Use negative and fractional indices linking index laws to standard form problems Solving calculations in standard form without a calculator. Rationalise surds when in denominators and use these forms to add, subtract, multiply or divide with them.
Assessment / Composite Tasks	**Assessment / Composite Tasks**	**Assessment / Composite Tasks**	**Assessment / Composite Tasks**	**Assessment / Composite Tasks**	**Assessment / Composite Tasks**
Unit Test 10.1	Unit Test 10.2	Unit Test 10.3	Unit Test 10.4	Unit Test 10.5	Unit Test 10.6