

Key Stage Four Curriculum – Carre’s Grammar School

Mathematics						
	Autumn 1	Autumn 2	Spring 3	Spring 4	Summer 5	Summer 6
Year 10	Statistical diagrams and averages Quadratic Sequences Ratio and proportion	Angles Transformations, constructions and loci Algebraic manipulation	Length, area and volume Linear graphs	Right-angled triangles Similarity	Exploring and applying probability Powers and standard form Equations and inequalities	Counting, accuracy, powers and surds Quadratic equations
	Assessment October – End of term test. This test covers topics taught in Autumn 1. December – End of term test. This test covers topics taught in Autumn 2.		Assessment February – End of term test. This test covers topics taught in Spring 3. March – End of term test. This test covers topics taught in Spring 4..		Assessment May - End of year assessment. This test covers topics taught in the first 4 terms of Year 10. July - End of term test. This test covers topics taught in Summer 5 and 6.	
Year 11	Statistics: Sampling and more complex diagrams Probability: Combined events Properties of circles	Ratio, proportion and rates of change Further Trigonometry Graphs	Transformation of graphs Algebraic fractions and functions Vectors	Revision	Revision	
	Assessment November – Mock Examination – 3 papers (1 non-calculator, 2 calculator)		Assessment February-April – Practice examination papers March – Mock Examination – 3 papers (1 non-calculator, 2 calculator)		Assessment May/June – GCSE Examination – 3 papers (1 non-calculator, 2 calculator)	