PROGRAMME OF STUDY

KS4 YEARS 10 & 11 MATHEMATICS 2023/24

EWELL CASTLE SCHOOL

YEAR	TERM 1 (Autumn)	TERM 2 (Spring)	TERM 3 (Summer)
YEAR 10	Using Numbers, Chapter 1 Symmetry, Chapter 28 Directed numbers, squares, cubes, and roots, Chapter 4,5 Algebra and formulae, Chapter 11 Integer Sequences, Chapter 17 Statistical Representation, Chapter 31 Fractions and Percentages, Chapter2 Ratio, Proportion and Speed, Chapter7	Algebraic Manipulation, Chapter12 Angle Properties, Chapter 23 The four rules, Approximation and limits of accuracy, Chapter 3, 8 Solutions of Equations, Chapter 13 Statistical Measures, Chapter 32 Set Language and Notation, Chapter 6 Transformations, Chapter 30	Practical Graphs, Chapter 14 Applying number and using Calculators, Chapter 10 Probability, Chapter 33 Straight Line Graphs, Chapter 15 Constructions, Chapter 25
YEAR 11 FOUNDATION	Standard Form, Chapter 9 Indices, Chapter 18 Mensuration, Chapter 27 Geometrical Terms and relationships, Chapter 24 Graphs of Functions, Chapter 16 Trigonometry, Chapter 26 Inequalities and regions, Chapter 20	Revision	Revision External exams
YEAR 11 HIGHER	Standard Form, Chapter 9 Indices, Chapter 18 Mensuration, Chapter 27 Geometrical Terms and relationships, Chapter 24 Graphs of Functions, Chapter 16 Trigonometry, Chapter 26 Inequalities and regions, Chapter 20 Direct and Indirect Proportion, Chapter 19	Functions, Chapter 21 Calculus, Chapter 22 Vectors, Chapter 29	Revision External exams