Mathematics Higher Pathway – Curriculum Overview - 2023-2024

Year Group	Autumn Term	Spring Term	Summer Term
10	H01a: Calculations, Checking & Rounding H01b: Indices H01c: Factors, Multiples, Primes, Standard Form and Surds H02a: Algebra the basics H02b: Sequences H03a: Averages and the Range H03b Representing & Interpreting data H04a: Fractions & Percentages H04b: Ratio & Proportion H05a: Polygons, Angles & Parallel Lines	H05b: Pythagoras & Trigonometry H06a: Graphs the Basics and Real-Life Graphs H06b: Linear Graphs and Coordinate Geometry H06c Quadratics, Cubics and Other Graphs H07a: Perimeter, Area and Circles H07b: 3D forms and Volume, Cylinders, Cones and Spheres	H07c: Accuracy and Bounds H08a: Transformations H08b: Constructions, Loci & Bearings H09a: Solving Quadratic and Simultaneous Equations H09b: Inequalities

| 11 | H11: Multiplicative Reasoning

H12: Similarity and Congruence

H13a:
Graphs of Trigonometric Functions

H13b: Further Trigonometry | H14: Cumulative Frequency & Histograms

H15: Further Graphs

H16: Circle Theorems

H17: Further Algebra

H18:
Vectors and Geometric Proof

H19:
Direct and Inverse Proportion | Revision/Exams |

Weekly Extra-Curricular Provision:
Sparx Maths Club