Curriculum overview 2024/2025 - *Year 10 Maths.*

Week number:	Session title/topic outline:
1-2	Application of number (addition, subtraction, multiplication, division, fractions, decimals)
3-4	Place value and proportion (place value, ordering integers and decimals, fraction, decimal and percentage equivalent)
5	Constructing, measuring and using geometric notation (lines and angles)
6-7	Sets and probability
8	Prime numbers
9	Ratio and scale
10	Representation (working in the Cartesian plane)
11	Representing data, tables and probability
12	Algebraic techniques (brackets, equations and inequalities, sequences, indices)
13-14	Fractions
15	Line symmetry, reflection, area of trapezia and circles
16	Constructing in 2 and 3 dimensions (constructions and congruency)
17-18	Reasoning with number (numbers, using percentages, money)
19	Developing algebra (representing solutions of equations and inequalities, simultaneous equations)
20	Congruence, similarity and enlargement
21	Trigonometry
22	Probability, statistics and sampling
23	Averages
24-25	Ratios and fractions
26	Percentages and interest
27	Angles and bearings
28	Working with circles
29-30	Vectors
31-32	Collecting, representing and interpreting data
33	Types of number and sequences
34	Indices and roots
35	Manipulating expressions
36	Introduction to gradients and lines
37	Introduction to using graphs
38	Introduction to functions (algebra)
39	Self-assessment of progress and summative assessment

Content covers recap and refresh of KS3 topics as well as KS4 topics to ensure a broad base of conceptual mathematical knowledge.

Year 7 topic content
Year 8 topic content
Year 9 topic content
Year 10 topic content

Year 11 topic content