

## Curriculum overview 2024/2025 - Year 11 Maths.

Week number:	Session title/topic outline:
1	Application of number (addition, subtraction, multiplication, division, fractions, decimals)
2	Place value and proportion (place value, ordering integers and decimals, fraction, decimal and percentage equivalent)
3	Constructing, measuring and using geometric notation (lines and angles)
4	Sets and probability, prime numbers
5	Ratio and scale
6	Representation (working in the Cartesian plane); representing data, tables and probability
7	Algebraic techniques (brackets, equations and inequalities, sequences, indices)
8	Fractions and percentages
9	Line symmetry, reflection, area of trapezia and circles
10	Constructing in 2 and 3 dimensions (constructions and congruency)
11	Reasoning with number (numbers, using percentages, money)
12	Developing algebra (representing solutions of equations and inequalities, simultaneous equations)
13	Congruence, similarity and enlargement
14	Trigonometry
15	Probability, averages, statistics and sampling
16	Ratios and fractions
17	Percentages and interest
18	Angles and bearings
19	Working with circles, area and perimeter
20	Vectors
21	Collecting, representing and interpreting data
22	Types of number and sequences
23	Indices and roots
24	Manipulating expressions
25	Gradients and lines
26	Non-linear graphs
27	Using graphs
28	Expanding and factorizing (algebra)
29	Changing the subject (algebra)
30	Functions (algebra)
31	Reasoning: multiplicative, geometric and algebraic
32	Revision and communication: Transforming and constructing
33	Revision and communication: Listing and describing
34-39	Revision (tailored topics)

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