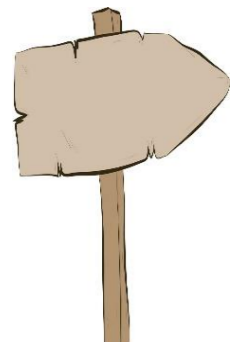


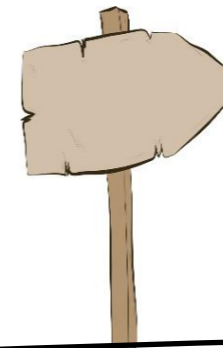
# Year 11 Mathematics Learning Journey

Number, Fractions, ratio, percentages, applying multiplicative relationships in various contexts & Algebra. *(Introduction to the post COVID curriculum - revisiting and ensuring competence in underlying core skills essential for success at GCSE).*

Equations and graphs, Perimeter, area and volume, Transformations, constructions, loci, congruence, similarity, vectors and trigonometry. *(Further development of curriculum onto the application of maths in the area of graphs and shapes)*



Week	Foundation	Higher
1	Number	Number
2	Ratio and proportion	Fractions, ratio and percentages
3	Fractions and percentages	Multiplicative reasoning
4	Fractions, indices and standard form	Algebra
5	Algebra	Equations and inequalities
6	Equations, inequalities and sequences	Graphs



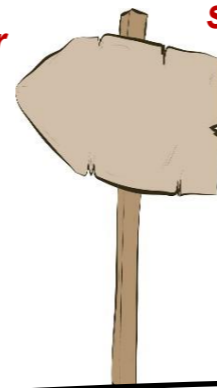
Week	Foundation	Higher
7	Graphs	Equations and graphs
8	Quadratic equations and graphs	Area and volume
9	Angles	Similarity and congruence
10	Constructions, loci and bearings	Transformations and constructions
11	Congruence, similarity and vectors	Angles and trigonometry
12	Perimeter, area and volume 1	More trigonometry

## Start of the Year

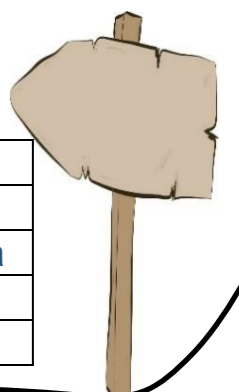
Statistics, Further Algebra, Multiplicative relationships, right angled triangles, proportionality and graphs *(Further development of curriculum into Statistics and topics involving reasoning mathematically to ensure students apply their conceptual understanding in more contextual topics)*

Perimeter, area, volume, transformation, probability, further statistics, graphs, tables, charts and circle theorem. *(Further development of curriculum applying conceptual understanding to become secure in shapes, statistics and circle theorem)*

Week	Foundation	Higher
17	Averages and range	More algebra
18	Multiplicative reasoning	Vectors and geometric proof
19	Right-angled triangles	Proportion and graphs
20	More algebra	



Week	Foundation	Higher
13	Perimeter, area and volume 2	Probability
14	Transformations	Interpreting and representing data
15	Probability	Further statistics
16	Graphs, tables and charts	Circle theorems



GCSE revision and exam practice

