

Mathematics Key Stage 4 Topic Map



Year 1

Autumn Term

- Non-calculator methods.
- Types of number and sequences.
- Indices and roots.
- Representing solutions of equations and inequalities.
- Simultaneous equations.
- Manipulating expressions.
- Congruence, similarity and enlargement.

Spring Term

- Trigonometry.
- Angles and bearings.
- Working with circles.
- Vectors.
- Ratios and fractions.

Summer Term

- Percentages and interest.
- Probability.
- Collecting, representing and interpreting data.

Mathematics Key Stage 4 Topic Map



Year 2

Autumn Term

- Gradients and lines.
- Non-linear graphs.
- Using graphs.
- Expanding and factorising.
- Change the subject.
- Functions.

Spring Term

- Multiplicative reasoning.
- Geometric reasoning.
- Algebraic reasoning.
- Transforming and constructing.
- Listing and describing.
- Show that.

Summer Term

Revision and examinations!