

Year 10 Maths Curriculum: Sept 2025 – July 2026 Only

Topics studied so far

- Index Laws
- Standard Form
- HCF and LCM from Prime Factors
- Circles
 - Parts of a circle
 - Circumference
 - Area
- Surface area of prisms (including cylinders)
- Proportion
 - Direct proportion
 - Inverse proportion
 - (No equations of proportionality yet)
- Constructions and Loci
- Volume of prisms
- Percentages
- Linear Graphs

Topics being studied Spring HT 1

- Key algebraic skills
- Solving linear equations
- Expanding double brackets
- Factorising quadratic equations
- Solving quadratic equations
 - By factorising
 - Using the quadratic formula

Topics left to study this academic year

- Charts and graphs
- Scatter graphs
- Angles
 - Key angle facts
 - Angles in parallel lines
- Similarity
- Congruence
- Rearranging formulae
- Pythagoras's Theorem
- Trigonometry
- Averages and sampling
- Probability
- Using exact Values
 - Use of surds
 - Use of pi
- Simultaneous equations

The curriculum is bespoke to our Year 10 students and is responsive to the needs of the students. As a result, topics may change.