Eckington School

KS4 Curriculum Roadmap

Mathematics

*Starting September 2025

Y11

- Angles, bearings and trigonometry
- Construction and Loci
- Transformations
- Revision
- Exams

- Rates
- Equations and formulae
- Functions and graphs

- Standard form
- Work with circles
- Set notation and Venn diagrams
- Vectors (Higher)

- Sequences and proof
- Similarity and congruence
- Area and volume
- Ratio and proportion

Y10

- Angles
- Graphs and diagrams
- Vectors
- Indices, factors and powers (Surds Higher)
- Pythagoras and trigonometry
- Simultaneous equations

- Non linear graphs
- Interpret and represent data
- Perimeter, area and volume
- Rounding and estimation
- Probability

- Ratio and scale
- Working with fractions
- Non calculator methods
- Straight line graphs

- Percentages
- Quadratic expressions and equations
- Equations inequalities and formulae
- Algebraic manipulation

Chorus Education Trust