Eckington School

KS3 Curriculum Roadmap

Mathematics

*Starting September 2025

Y9

TERM 3
- Trigonometry
- Simultaneous equations
- Transformations
- Probability
- Non straight line graphs
- Pythagoras

TERM 2
- Maths and money
- Straight line graphs
- Ratio and proportion
- Construction and congruency
- Similarity
- Algebraic manipulation

- Standard form
- Rates
- Fractions
- Equations, inequalities and formula
- Area and volume
- Percentages
- Properties of numbers

Y8

TERM 3
- Angles in parallel lines and polygons
- Tables and probability
- Circles
- Graphs and charts
- Sequences

TERM 2
- Interpret and represent data
- Standard form
- Indices
- Percentages
- Equations and inequalities
- Area, volume and density

- Proportion and scale
- Algebraic manipulation
- Coordinates and graphs
- Multiply and divide fractions
- Symmetry and reflection

Y7

TERM 3
- Angles and polygons
- Add and subtract fractions
- Properties of numbers
- Speed, distance and time

TERM 2
- Graphing data
- Fractions, decimals and percentages
- Negative numbers
- Fractions and percentages of amounts
- Area and perimeter

- Rounding and estimating
- Averages and range
- Four operations
- Place value
- Expressions and equations
- Algebraic notation
- Sequences

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