Eckington School

KS3 Curriculum Roadmap

Mathematics

Y9

TERM 3
- Algebraic representation
- Probability
- Rates
- Solving problems with ratio and proportion
- Enlargement and similarity

TERM 2
- Working with different types of numbers
- Using percentages
- Money and maths
- Geometry deduction
- Rotation and translation
- Pythagoras' Theorem

TERM 1
- Construction and congruency
- 3-Dimensional shapes
- Proof, examples and counter examples
- Forming and solving equations
- Straight line graphs

Y8

TERM 3
- Angles in parallel lines and polygons
- Area of trapezia and circles
- Line symmetry and reflection
- The data handling cycle
- Averages

TERM 2
- Number sense
- Standard form
- Fractions and percentages
- Indices
- Sequences
- Brackets, equations and inequalities

TERM 1
- Ratio and scale
- Proportion and multiplicative change
- Multiplying and dividing fractions
- Coordinates and graphs
- Representing data
- Tables and probability

Y7

TERM 3
- Prime numbers and proof
- Geometric reasoning
- Constructing and measuring lines and angles
- Sets and probability
- Number sense

TERM 2
- Solving problems involving addition & subtraction
- Solving problems involving multiplication & division
- Fractions & percentages of amounts
- Calculations and equations involving negative numbers
- Adding and subtracting fractions

TERM 1
- Equivalent fractions, decimals & percentages
- Place value
- Equality and equivalence
- Algebraic notation
- Sequences

Chorus Education Trust