

Y10 Revision List (Foundation)

Number

- Calculations
- Place value
- Decimals
- Estimation
- HCF and LCM
- Prime factorisation
- Squares, cubes and roots
- Index notation

Algebra

- Algebraic expressions
- Simplifying expressions
- Substitution
- Formulae
- Using expressions and formulae
- Expanding brackets
- Factorising

Graphs, Tables, and Charts

- Frequency diagrams
- Two-way tables
- Representing data
- Time series
- Stem and leaf diagrams
- Pie charts
- Scatter graphs
- Line of best fit

Fractions and Percentages

- Working with fractions
- Ordering fractions
- Multiplying fractions

- Dividing Fractions
- Fractions and decimals
- Fractions and percentages
- Calculating percentages 1
- Calculating percentages 2

Equations, Inequalities, and Sequences

- Solving equations 1
- Solving equations 2
- Solving equations with brackets
- Introducing inequalities
- More inequalities
- More Formulae
- Generating sequences
- Using nth term of a sequence

Angles

- Properties of shapes
- Angles in parallel lines
- Angles in triangles
- Exterior and interior angles
- More exterior and interior angles

Averages and Range

- Mean and range
- Mode, median and range
- Types of average
- Estimating the mean
- Sampling

Perimeter, Area and Volume

- Rectangles, parallelograms, and triangles
- Trapezia and changing units
- Area of compound shapes
- Surface area of 3D solids
- Volume of prisms
- More volume and surface area

Graphs

- Coordinates
- Linear graphs
- Gradient
- $y = mx + c$
- Real life graphs
- Distance-time graphs
- More real life graphs