YEAR 11 MATHS • FOUNDATION

REDHILL ACADEMY TRUST
Equality and Achievement

Mock revision checklist 2026–27

Use this as your revision map. Tick a topic when you can answer a question on it without notes, then revisit anything you are not yet confident with.

Number & calculations

- ☐ Addition and subtraction
- ☐ Ordering integers and negative numbers
- ☐ Rounding and estimating
- ☐ Multiples and factors
- ☐ Number types
- ☐ Decimal calculations
- ☐ Fractions: add, multiply and convert
- ☐ Fractions, decimals and percentages
- ☐ Standard form
- ☐ Metric units and conversions
- ☐ Money calculations and best buys
- ☐ Time calculations

Percentages, ratio & proportion

- ☐ Percentage/fraction of an amount
- ☐ Percentage calculations and increase
- ☐ Reverse percentages
- ☐ Ratio and sharing
- ☐ Direct proportion and proportion graphs

Algebra & sequences

- ☐ Simplifying expressions
- ☐ Expanding and simplifying
- ☐ Substitution
- ☐ Solve linear equations
- ☐ Algebra problems on diagrams
- ☐ Number machines
- ☐ Inequalities
- ☐ Laws of indices
- ☐ Identities
- ☐ n^{th} term in sequences
- ☐ Plot and interpret quadratic graphs
- ☐ Straight-line graphs: $y = mx + c$

Geometry & measures

- ☐ Polygons and angle facts
- ☐ Angles in parallel lines
- ☐ Angles with algebra
- ☐ Perimeter and enlarged shapes
- ☐ Area of triangles and compound shapes
- ☐ Coordinate geometry and area
- ☐ Scale drawings
- ☐ Plans and elevations
- ☐ Transformations
- ☐ Pythagoras theorem
- ☐ Trigonometry
- ☐ Compound measures: speed and density

Statistics & probability

- ☐ Pictograms and bar charts
- ☐ Composite bar charts
- ☐ Scatter graphs
- ☐ Averages
- ☐ Two-way tables
- ☐ Listing outcomes
- ☐ Probability
- ☐ Conversion graphs