Smithdon High School

Learning Journey Mathematics - Key Stage 4 Higher

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- Year 10 Catch-Up Topics
- Topic 1: Functions
- Topic 2: Quadratic Sequences
- Topic 3: Algebraic Fractions
- Topic 4: Vectors
- Topic 5: Circle Theorems & Geometry
- Topic 6: Quadratic Inequalities
- Topic 7: Inequalities (Graphical)
- Topic 8: Proof
- Topic 9: Graph Transformations
- Topic 10: Iterations
- Topic 11: Gradient & Area Under a Curve
- Topic 12: Growth & Decay
- Final Exam Revision

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- Topic 1: Surds & Indices
- Topic 2: Recurring Decimals
- Topic 3: Rearranging Formulae
- Topic 4: Linear Graphs & Coordinate Geometry
- Topic 5: Quadratics
- Topic 6: Simultaneous Equations
- Topic 7: Direct & Inverse Proportion
- Topic 8: Averages & Data
- Topic 9: Representing & Interpreting Data
- Topic 10: Polygons, Angles & Parallel Lines
- Topic 11: Perimeter, Area & Circles
- Topic 12: Pythagoras & Trigonometry
- Topic 13: Similarity & Congruence in 2D & 3D
- Topic 14: 3D Forms & Volumes
- Topic 15: Accuracy & Bounds
- Topic 16: Constructions, Loci & Bearings
- Topic 17: Advanced Probability
- Topic 18: Compound Measures
- Topic 19: Further Trigonometry