STANLEY HIGH SCHOOL

GCSE Mathematics

HIGHER

LEARNING JOURNEY

Year 7 → Year 11

- Mathematical Oracy
- Writing methods
- Drawing conclusions
- Mathematical fluency
- Variation
- Modelling concepts
- Visual Representation
- Mathematical Reasoning
- Problem solving

Careers

- Engineering
- Finance & Economics
- Education
- Government
- Healthcare
- Digital, IT & Computing

Post-16

- A-levels
- BTEC
- Technical Qualifications
- Apprenticeship
- University

End of Year 11

GCSE paper 1 | GCSE paper 2 | GCSE paper 3

Revision

Algebraic Proof and Reasoning

Geometric Proof and Reasoning

Trigonometry

Algebraic fractions and functions

Rates of Change

Vector Geometry

Graphs

Combined events

Properties of Circles

Variation

Triangles

Sampling and more complex diagrams

Quadratic equations

Equations and Inequalities

Indices and Standard Form

Counting, accuracy, indices and roots

Exploring and applying probability

Transformations, constructions and loci

Algebraic manipulation

Length, area and volume

Similarity

Linear Graphs

Right-angled triangles

Angles

Number and Sequences

Fractions, ratio and proportion

September Year 10

Ratio and proportion

Statistical diagrams and averages

Number