



Time Period	Autumn Term		Spring Term	Summer Term
Content	<ul style="list-style-type: none"> Algebraic fractions including Quadratic formula Completing the square and sketching quadratic graphs Graphs transformations + Trig graphs Linear and quadratic inequalities Fractional and negative indices Velocity-time graph Similarity and congruency 	<ul style="list-style-type: none"> Sequences including Geometric progression Similarity (area and volume) Probability tree and Venn diagrams Histograms and CF graphs 	Revision of key topics/content. Revision will be carried out on topics highlighted as weaker areas in mock exams and homework, along with reinforcement of key skills and key formulae required to solve exam style questions successfully. The more detailed sequence of topics will be updated in the second half of the Autumn term. This will be shared with the students.	Revision of key topics/content. Revision will be carried out on topics highlighted as weaker areas in mock exams and homework, along with reinforcement of key skills and key formulae required to solve exam style questions successfully. The more detailed sequence of topics will be updated in the second half of the spring term. This will be shared with the students.
Skills	<p>Number simplify expressions involving fractional and negative indices,</p> <p>Algebra Manipulating algebraic fractions, solve quadratics using the Quadratic formula, completing the square and sketching the graphs. Solve linear, quadratic and Geometric sequences problems in particular. solve linear and quadratic inequalities</p> <p>Geometry and Measures Sketching linear and non-linear graphs and performing their transformations. Calculate distance and acceleration using Velocity-time graphs. Solve problems involved with the similarity (in 2D and 3d) and congruency.</p> <p>Probability and Statistics solve complex/unstructured problems (independent and dependent events) using tree diagrams and Venn diagrams, apply AND and OR rules while solving complex/unstructured problems related to probability. Draw Histograms and Cumulative frequency graphs and interpret these graphs.</p>			
Assessment week and content	Mock exam 1 Exam window starting the 11 th of November 2025 Students will be assessed using past exam papers (1 x non-calculator and 1 x calculator) Students should be prepared to answer questions from the whole of the GCSE maths specification The INCLASS mocks (approximately 1x a month) will be incorporated in the lessons starting after the November Mock.		Mock exam 2 Exam window starting the 23 rd of February 2026 Students will be assessed using past exam papers – full set (1 x non-calculator and 1 x calculator) Students should be prepared to answer questions from the whole of the GCSE maths specification The INCLASS mocks will be incorporated in the lessons (approximately 1x a month). Walking Talking Mocks sessions led by the Class teachers.	Final GCSE (public exams start 14 th of May 2026) Students will sit three 90 minutes papers 1x Non-calculator 2x Calculator The INCLASS mocks will be incorporated in the lessons (approximately 1x a month). Walking Talking Mocks sessions led by the Class teachers.

- Grow and Succeed -

Lemsford Lane, Welwyn Garden City, Hertfordshire AL8 6YR

Tel: 01707 321755 • admin@stanborough.herts.sch.uk • www.stanborough.herts.sch.uk • Company No: 07900439