Stanborough

Curriculum Map 2025-26
Subject: Maths

Year Group: 11 Foundation

Time Period	Autumn Term		Spring Term	Summer Term
Content	• Percentages and simple interest • Fractions/decimals/percentages • Basic numbers: primes, HCF and LCM • Laws of indices • Standard form • Ratio and proportion • Angles • Averages from table • Probability and Venn diagram • Volume and surface area of prisms • Bearings • Pythagoras's theorem and Trigonometry • Linear equations	• Transformations • Straight line graphs • Quadratic graphs • Linear sequences • Vectors	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	**Number** perform the four operations with fractions and mixed numbers, calculate a fraction of an amount, work with percentages (percentage of an amount, reverse percentages, percentage change and simple interest, etc) convert between fractions, decimals and percentages, know and use laws of indices/powers. **Ratio, proportion and rates of change** Solve problems on inverse proportion, problems related to recipes, currency exchange and 'value for money', use the unitary method to solve problems on ratio and proportion, share an amount in a ratio Work with large and small numbers using standard form. **Algebra** solve linear equations (incl ones with brackets and unknown on both sides), derive expressions and equations using given information, draw linear and quadratic graphs using a table of values, identify the roots and turning point of a quadratic graph, work with linear sequences **Geometry and Measures** work out the volume of prisms, work out the surface area of prisms and non prisms solve problems in right-angled triangles using Pythatgoras's theorem and Trigonometry calculate and measure bearings, describe transformations, use the Vector notation and calculate the column vectors. **Statistics and probability** Calculate probabilities using probability trees and Venn diagram. epresent and interpret data using various of statistical diagrams			
Assessment week and content	Mock exam 1 Exam window starting the 11th 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 23rd 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 14th 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.

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