



MATHS Y₁₁ CURRICULUM AND ASSESSMENT MILESTONES DOCUMENT

YEAR 11 ASSESSMENT MILESTONES: MATHS

Autumn Unit 1: Probability	Calculate probabilities and use Venn diagrams and probability trees
Autumn Unit 2: Multiplicative Reasoning	Find percentages and use compound measures and proportion
Autumn Unit 3: Construction, Loci and Bearings	Draw plans and elevations and carry out constructions and Loci
Autumn Unit 4: Quadratics	Expand and factorise double brackets and use to solve simple quadratics. Plot quadratic graphs
Autumn Unit 5: Perimeter, Area and Volume	Find the perimeter, area and volume of various shapes
Spring Unit 1: Fractions, Indices and Standard Form	Use fractions and reciprocals. Work with indices and numbers in standard form
Spring Unit 2: Congruence, Similarity and Vectors	Use similarity and congruence to find missing lengths and angles. Use vector notation
Spring Unit 5: Algebra	Rearrange equations, solve simultaneous equations and draw graphs of cubic and reciprocal functions
Spring Term: Revision	Revise key topics identified from mock exams ready for GCSE exam
Summer Term: Revision	Revise key topics identified from mock exams ready for GCSE exam

YEAR 11 ASSESSMENT MILESTONES: MATHS

Autumn Unit 1: Probability	Practice GCSE assessment every two weeks to monitor areas for development
Autumn Unit 2: Multiplicative Reasoning	Practice GCSE assessment every two weeks to monitor areas for development
Autumn Unit 3: Construction, Loci and Bearings	Practice GCSE assessment every two weeks to monitor areas for development
Mock GCSEs 1	Pupils will be given a breakdown of their strengths and weaknesses from the assessment. These topics will make up future revision lessons.
Autumn Unit 4: Quadratics	Practice GCSE assessment every two weeks to monitor areas for development
Autumn Unit 5: Perimeter, Area and Volume	Practice GCSE assessment every two weeks to monitor areas for development
Spring Unit 1: Fractions, Indices and Standard Form	Practice GCSE assessment every two weeks to monitor areas for development
Mock GCSEs 2	Pupils will be given a breakdown of their strengths and weaknesses from the assessment. These topics will make up future revision lessons.
Spring Unit 2: Congruence, Similarity and Vectors	Practice GCSE assessment every two weeks to monitor areas for development
Spring Unit 5: Algebra	Practice GCSE assessment every two weeks to monitor areas for development
Spring Term: Revision	Practice GCSE assessment every two weeks to monitor areas for development
Summer Term: Revision	Practice GCSE assessment every two weeks to monitor areas for development
GCSE Exams	Pupils to sit one non-calculator and two calculator papers each lasting one hour 30 minutes