
: Year 11 Curriculum and Assessment Map

| term over a bracket, and by taking out common factors | GMf Understand congruence and similarity GMk Use 2-D | Nu Approximate to specified or appropriate degrees of accuracy | A6 Simultaneous and Quadratic Equations (Higher) | tan $\theta=$ opposite adjacent ; apply them to find angles and lengths in right-angled |
| :---: | :---: | :---: | :---: | :---: |
| Af Derive a formula, substitute numbers into a formula | representations of 3-D shapes <br> Gma Calculate volumes | including a given power of | Geometry and | A8 Quadratic and Linear |
|  |  | ten, number of decimal places and significant | Measures (GM) | Simultaneous Equations (Higher) |
|  |  |  | GMv Use straight edge |  |
| Ad Set up and solve simple equations | of right prisms and |  | and a pair of compasse | 59 Volume and Surface |
|  | shapes made from cubes and cuboids | NI Understand that 'percentage' means | to do constructions | Area of Complex Shapes \& Advanced Trigonometry |
| Af Substitute numbers into a formula and change the subject of a formula |  | 'number of parts per 100' | GMw Construct loci |  |
|  | Geometry and Measures (GM) | and use this to compare |  |  |
|  |  | proportions | GMm Use and interpret |  |
|  |  | No Interpret fractions, | maps and scale |  |
|  | GMo Interpret scales on | decimals and percentages | drawings |  |
| Ag Solve linear inequalities in one variable, and represent the solution set on a number line | a range of measuring | as operators |  |  |
|  | instruments and |  | GMr Understand and |  |
|  | recognise the | Np Use ratio notation, | use bearings |  |
|  | inaccuracy of | including reduction to its |  |  |
|  | measurements | simplest form and its various links to fraction | Statistics and Probability (SP) |  |
| Nm Use percentage | GMp Convert measurements from | notation |  |  |
|  |  |  |  |  |
| Nv Use calculators effectively and efficiently |  | Nt Divide a quantity in a | SPg Produce charts and |  |
|  | one unit to another | given ratio | diagrams for various |  |
|  | GMq Make sensible |  | data types |  |
|  | measures | proportion |  |  |
| Statistics and |  |  | SPi Interpret a wide range of graphs and |  |
| SPn Understand and use estimates or measures of probability from theoretical models (including equally likely | GMs Understand and use compound measures | GMo Interpret scales on | diagrams and draw |  |
|  |  |  | conclusions |  |
|  |  | instruments and |  |  |
|  |  | recognise the inaccuracy | SPk Recognise |  |
|  | GMt Measure and draw | of measurements | correlation and draw |  |
|  | lines and angles |  | and/or use lines of best |  |
|  |  | Ns Calculate upper and | fit by eye, understanding |  |

## : Year 11 Curricul outcomes), or from relative frequency

SPo List all outcomes for single events, and for two successive events, in a systematic way and derive relative probabilities

SPp Identify different mutually exclusive outcomes and know that the sum of the probabilities of all these outcomes is 1

SPs Compare
experimental data and theoretical probabilities

SPm Understand and use the vocabulary of probability and probability scale

GMi Distinguish
between centre, radius, chord, diameter, Algebra (Ak)/Graph circumference, tangent, Review
arc, sector and segment
Ak Use the conventions for coordinates in the plane and plot points in all four quadrants, including using geometric information

Al Recognise and plot equations that correspond to straight-line graphs in the coordinate plane, including finding gradients

$\qquad$
Impact
Spring 1 Core Mock
Winter Mock Exams Spring1 Diagnostic Assessment
Spring Mock Exams
External Spring Exams
NEAs
GCSE Foundation/Higher
Paper 1
Paper 2
Paper3

External Summer National Exams

## Final GCSE Exam Edexcel

## GCSE Foundation/Higher

May $16^{\text {th }}$ Paper 1
June $3^{\text {th }}$ Paper2
June $10^{\text {th }}$ Paper3

