Mathematics

AQA

Half Term 1

Algebraic manipulation

Quadratic equations and inequalities

Binomial Expansion

Polynomials

Proof

Co-ordinate geometry including circles

Vectors

Half Term 2

Co-ordinate geometry including circles

Trigonometry

Data presentation and interpretation

Statistical sampling

Probability

Progress Update 1 issued (November)

Half Term 3

Graphs and Transformations

Differentiation

Statistical Distributions

Statistical Hypothesis Testing

Half Term 4

Differentiation

Integration

Large Data Set

Kinematics

Progress Update 2 issued (March)

Half Term 5

Exponential and Logarithms

Forces and Newtons Law

Year 12 Mocks (April)

Progress Update 3 issued (May)

Half Term 6

Trigonometry

Circular Measures

Variable Acceleration

Functions and transformations

Sequences and Series

Maths

Year 13

Half Term 1

Further Differentiation

Kinematics

Further Integration

Forces and Motion

Binomial Distribution

AQA

Half Term 2

Progress Update 1 issued (November)

Further Integration

Parametric Equations

Moments

Projectiles

Year 13 Mocks (November)

Half Term 3

Progress Update 2 issued (January)

Partial Fractions and Integration

Trigonometry

Projectiles

Friction

Further Probability
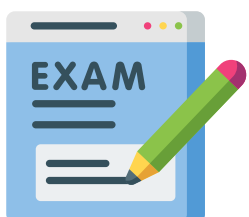
Half Term 4

Trigonometry

Numerical Methods

Differential Equations

Statistical Distributions

Statistical Hypothesis Testing

Year 13 Mocks (February)

Progress Update 3 issued (March)

Half Term 5

Statistical Hypothesis

Revision and exam preparation

Exams

2 x 2.5 hour exams (equally weighted)

Results Day (August)