Mathematics Learning Journey

GCSE Exam

Bespoke Revision

YEAR 11

Spring
- Transforming and constructing
- Show that……
- Listing and describing
- Algebraic Reasoning

Autumn
- Multiplicative Reasoning
- Functions
- Expanding and Factorising
- Using Graphs
- Non linear graphs
- Geometric reasoning
- Changing the subject
- Gradients and lines

Spring
- Pythagoras
- Trigonometry
- Construction and Loci
- Vectors

Summer
- Careers

Exam and Gap fill
- Powers and Roots

YEAR 10

Autumn
- Probability
- Simultaneous equations
- Inequalities
- Measure
- Algebraic Graphs

Spring
- Maths and Money sessions

Summer
- End of Year Exam
- Sequences
- 3d Shapes
- Ratio and proportion
- Presenting Data

Spring
- Formulae
- Transformations
- Solving equations
- Percentages
- Fractions
- 2d shapes
- Fractions and Decimals
- Expressions

YEAR 9

Autumn
- Measures of location
- End of Year Exam
- Closing the gap
- Data Handling
- Number
- Angles and Circle theorems

Summer
- The data handling cycle
- Line Symmetry and reflection
- Area of trapezia and Circles

Spring
- Number Sense
- Fractions and Percentages
- Indices and powers
- Tables and Probability
- Working in the Cartesian plane
- Multiplicative change
- Ratio and Scale
- Angles in parallel lines and Polygons
- Standard index Form
- Brackets , equations and inequalities

Autumn
- Representing data
- Multiplying and Dividing fractions

YEAR 8

Summer
- Developing geometric reasoning
- Sets and Probability
- Constructing, measuring and using geometric notation
- Developing number Sense
- Prime numbers and Proof

End of Year Exam

Closing the gap

YEAR 7

Spring
- Addition and Subtraction of Fractions
- Fractions & Percentages of amounts
- Solve problems with multiplication and division
- Four operations with directed number
- Solving problems with addition and subtraction

Autumn
- Fraction, decimal and Percentage equivalence
- Equality and Equivalence
- Sequences
- Place value and ordering integers and decimals
- Understand and Use algebraic Notation

Core Concepts

Algebra
Geometry
Number
Data
Ratio