YEAR 7

RATIONALE

At Key Stage 3, we have students working from age 7 up to age expected.

We use an adapted national curriculum to ensure that all students can access their learning.

SET 1

- Sequences
- Algebraic Notation
- Equality
- Place Value
- FDP Equivalence
- Problem Solving
- Directed Number
- Fractions
- Constructions
- Sets and Probability
- Prime Numbers and Proof

SET 2

- Place Value
- Addition and Subtraction
- Multiplication and Division
- Fractions
- Decimals and Percentages
- Perimeter and Area
- Statistics
- Shape
- Position and Direction
- Negative Numbers
- Volume

SET 3

- Place Value
- Addition and Subtraction
- Multiplication and Division
- Area
- Length and Perimeter
- Fractions
- Mass and Capacity
- Time
- Money
- Shape
- Statistics

YEAR 8

RATIONALE

At Key Stage 3, we have students working from age 7 up to age expected.

We use an adapted national curriculum to ensure that all students can access their learning.

SET 1

- Ratio & Scale
- Multiplication Change
- Cartesian Plane
- Represent Data
- Brackets & Equations
- Sequences
- Indices
- Standard Index Form
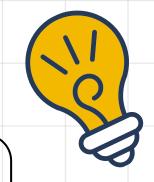- Angles in Parallel Lines
- Area of Circles
- Data Handling

SET 2

- Place Value
- Addition and Subtraction
- Multiplication and Division
- Fractions
- Decimals and Percentages
- Perimeter and Area
- Statistics
- Shape
- Position and Direction
- Negative Numbers
- Volume

SET 3 & 4

- Place Value
- Addition and Subtraction
- Multiplication and Division
- Area
- Length and Perimeter
- Fractions
- Mass and Capacity
- Time
- Money
- Shape
- Statistics

YEAR 9

RATIONALE

At Key Stage 3, we have students working from age 7 up to age expected.

We use an adapted national curriculum to ensure that all students can access their learning.

SET 1

- Straight Line Graphs
- Form and Solve Equations
- Test Conjecture
- 3D Shapes
- Constructions
- Maths and Money
- Deduction
- Pythagoras' Theorem
- Solve Ratio Problems
- Probability
- Algebraic Manipulation

SET 2

- Place Value
- Addition and Subtraction
- Multiplication and Division
- Length and Perimeter
- Fractions
- Decimals
- Money
- Time
- Shape
- Statistics
- Position and Direction

SET 3

- Place Value
- Addition and Subtraction
- Multiplication and Division
- Length and Perimeter
- Fractions
- Mass and Capacity
- Money
- Time
- Shape
- Statistics

AQA ENTRY LEVEL

The AQA Entry Level Certificate is taught over eight units. Students begin the qualification at the start of year 10.

UNITS 1 & 2

Unit 1: Properties of Number

Unit 2: Four Operations

UNITS 3 & 4

Unit 3: Ratio Problems

Unit 4: Money Problems

UNITS 5 & 6

Unit 5: Calendar and Time

Unit 6: Measures

UNITS 7 & 8

Unit 7: Geometry

Unit 8: Statistics

GCSE FOUNDATION

We follow the AQA Foundation GCSE Specification- the course is delivered over two years.

YEAR 10

- Algebraic Manipulation
- Equations and Expressions
- Percentages
- Ratio and Scale
- Fractions
- Non-Calculator Problems
- Straight Line Graphs
- Probability

YEAR 10

- Estimation
- Perimeter, area and volume
- Interpret Data
- Angles
- Graphs
- Vectors
- Powers
- Pythagoras' Theorem
- Trigonometry
- Simultaneous Equations

YEAR 11

- Ratio and Proportion
- Area and Volume
- Similarity and Congruence
- Sequences and Proof
- Standard Form
- Working with Circles
- Set Notation
- Venn Diagrams

YEAR 11

- Functions and Graphs
- Equations and Formulae
- Rates
- Angles and Bearings
- Trigonometry
- Constructions
- Transformations