

# KS3 Curriculum Overview – MATHEMATICS

# DELTA - Extension

**Year 7**

Unit 2:  
Number Skills

Unit 3:  
Equations,  
functions and  
formulae

Unit 7:  
Equations

Unit 1:  
Analysing and  
displaying data

Unit 6:  
Decimals

Unit 4:  
Fractions

Unit 8:  
Multiplicative  
Reasoning

Unit 5:  
Angles and  
Shapes

Unit 9:  
Perimeter, area  
and Volume

Unit 10:  
Sequences and  
Graphs

**Year 8**

Unit 1:  
Factors &  
Powers

Unit 2:  
Working with  
Powers

Unit 3:  
2D Shapes & 3D  
Solids

Unit 4:  
Real Life Graphs

Unit 5:  
Transformations

Unit 6:  
Fractions,  
Decimals &  
Percentages

Unit 7:  
Constructions &  
Loci

Unit 8:  
Probability

Unit 9: Scale  
Drawings &  
Measures

Unit 10: Graphs

**Year 9**

Unit 1:  
Powers & Roots

Unit 2:  
Quadratics

Unit 3:  
Inequalities,  
Equations &  
Formulae

Unit 4:  
Collecting &  
Analysing Data

Unit 5:  
Multiplicative  
Reasoning

Unit 6:  
Non Linear  
Graphs

Unit 7:  
Accuracy &  
Measures

Unit 8:  
Graphical  
Solutions

Unit 9:  
Trigonometry

Unit 10:  
Mathematical  
Reasoning

# KS3 Curriculum Overview – MATHEMATICS

# THETA - Core

**Year 7**

Unit 2:  
Number Skills

Unit 3:  
Expressions,  
functions and  
formulae

Unit 1:  
Analysing and  
displaying data

Unit 4:  
Decimals &  
measures

Unit 5:  
Fractions

Unit 6:  
Probability

Unit 7:  
Ratio &  
Proportion

Unit 8:  
Lines & Angles

Unit 9:  
Sequences &  
Graphs

Unit 10:  
Transformations

**Year 8**

Unit 1:  
Number

Unit 2:  
Area & Volume

Unit 3:  
Statistics,  
Graphs and  
Charts

Unit 4:  
Expressions &  
Equations

Unit 5:  
Real Life Graphs

Unit 6:  
Decimals &  
Ratio

Unit 7:  
Lines & Angles

Unit 8:  
Calculating with  
Fractions

Unit 9: Straight  
Line Graphs

Unit 10:  
Percentages,  
Decimals &  
Fractions

**Year 9**

Unit 1:  
Indices &  
Standard Form

Unit 2:  
Expressions &  
Formulae

Unit 3:  
Dealing with  
Data

Unit 4:  
Multiplicative  
Reasoning

Unit 5:  
Constructions

Unit 6:  
Equations,  
Inequalities &  
Proportionality

Unit 7:  
Circles,  
Pythagoras &  
Prisms

Unit 8:  
Sequences &  
Graphs

Unit 9:  
Probability

Unit 10:  
Comparing  
Shapes

# KS3 Curriculum Overview – MATHEMATICS

## PI - Support

### Year 7

Unit 2:  
Number

Unit 3:  
Expressions,  
functions and  
formulae

Unit 5:  
Factors &  
Multiples

Unit 1:  
Analysing and  
displaying data

Unit 6:  
Decimals &  
Measures

Unit 9:  
Fractions,  
Decimals &  
Percentages

Unit 7:  
Angles & Lines

Unit 8:  
Measuring and  
Shapes

Unit 4: Graphs

Unit 10:  
Transformations

### Year 8

Unit 1:  
Number  
Properties &  
Calculations

Unit 2:  
Shapes &  
Measures in 3D

Unit 3:  
Statistics

Unit 4:  
Expressions &  
Equations

Unit 5:  
Decimal  
Calculations

Unit 6:  
Angles

Unit 7:  
Number  
Properties

Unit 8:  
Sequences

Unit 9: Fractions  
& Percentages

Unit 10:  
Probability

### Year 9

Unit 1:  
Number  
Calculations

Unit 2:  
Sequences &  
Equations

Unit 3:  
Statistics

Unit 4:  
Fractions,  
Decimals &  
Percentages

Unit 5:  
Geometry in 2D  
& 3D

Unit 6:  
Algebraic 7 Real  
Life Graphs

Unit 7:  
Multiplicative  
Reasoning

Unit 8:  
Algebraic &  
Geometric  
Formulae

Unit 9:  
Probability

Unit 10:  
Polygons &  
Transformations