Maths : Curriculum Journey
Key Stage 3

Year 7

Autumn	Unit 1 Unit 2 Unit 3 Unit 4	Data Number Expressions, functions and formula Decimals and measures
Spring	Unit 5 Unit 6 Unit 7	Fractions Lines and Angles Ratio and Proportion
Summer	Unit 8 Unit 9 Unit 10	Perimeter, Area and Volume Probability Transformations

Year 8

Autumn	Unit 1 Unit 2 Unit 3	Factors and Powers Expressions and Equations Graphs
Spring	Unit 4 Unit 5 Unit 6	Sequences Scale Drawings Fractions, Decimals and Percentages
Summer	Unit 7 Unit 8 Unit 9	Real Life Graphs Compound Measures Calculator Methods

Year 9

Autumn	Unit 1 Unit 2 Unit 3	Number Expressions and Formula Graphs, tables and charts
Spring	Unit 4 Unit 5 Unit 6	Fractions and Percentages Inequalities and sequences Angles and Trigonometry
Summer	Unit 7 Unit 8 Unit 9	Averages Perimeter, Area and Volume Constructions

Maths : Curriculum Journey
Key Stage 4 - GCSE Foundation

SAMWORTH
CHURCH
ACADEMY

Year 10

Autumn	Unit 1 Unit 2 Unit 3	Graphs Transformations Ratio and proportion
Spring	Unit 4 Unit 5 Unit 6	Right-angled triangles Probability Multiplicative reasoning
Summer	Unit 7 Unit 8 Unit 9	Constructions, loci and bearings Quadratic equations and graphs Perimeter, area and volume 2

Year 11

Autumn	Unit 10 Unit 11 Unit 12	Fractions, indices and standard form Congruence, similarity and vectors Further algebra
Spring **Summer**		Revision

Maths : Curriculum Journey
Key Stage 4 - GCSE Higher

SAMWORTH CHURCH ACADEMY

Year 10

Autumn	Unit 1 Unit 2 Unit 3	Equations and inequalities Probability Multiplicative reasoning
Spring	Unit 4 Unit 5 Unit 6	Similarly and congruence More trigonometry Further statistics
Summer	Unit 7 Unit 8 Unit 9	Equations and graphs Circle theorems Further algebra

Year 11

Autumn	Unit 10 Unit 11	Vectors and geometric proof Proportion and graphs
Spring		Revision
Summer		

Maths : Curriculum Journey
Key Stage 5 - A Level

SAMWORTH
CHURCH
ACADEMY

Year 12

Autumn
Surds
Quadratics
Trigonometry
Equations
Graphs
Polynomials
Differentiation

Spring
Coordinate Geometry
Integration
Binomial expansion
Data Collection
Exponentials
Probability

Summer
Vectors
Data Processing, presentation and interpretation
Kinematics
Binomial distribution
Forces and Newton's laws of motion
Hypothesis testing
Variable acceleration

Year 13

Autumn
Proof
Function
Trigonometry
Differentiation
Vectors

Spring
Sequences
Parametric Equations
Integration
Differential Equations
Statistical Distributions
Probability

Summer
Forces and Motion
Friction
Moments
Projectiles