

Mathematics

Scheme of Work map for all year groups

Scheme of
Work Map



YEAR	MICHAELMAS TERM	LENT TERM	TRINITY TERM
7	Using Numbers	Using algebra	Symmetry
	Sequences	Fractions	Equations
	Perimeter and area	Angles	Interpreting data
	Decimal numbers	Coordinates and graphs	3D shapes
	Working with numbers	Percentages	Ratio
	Statistics	Probability	Extended project
8	Working with numbers	Graphs	Fractions and decimals
	Geometry	Number	Proportion
	Probability	Interpreting data	Circles
	Percentages	Algebra	Equations and formulae
	Congruent shapes	Shape and ratio	Comparing data
	Surface area and volume of prisms	Problem solving project	Extended project
9	Percentages	Fractions	Compound units
	Equations and formulae	Algebra	Right – angled triangles
	Polygons	Decimal numbers	Reasoning
	Using data	Surface area and volume of cylinders	Geometric proof
	Applications of graphs	Solving equations graphically	Probability
	Pythagoras' Theorem	Approximation	Geometric sequences
10	Basic number	Transformations and loci	Probability
	Fractions, ratio and proportion	Length, area and volume	Powers and standard form

Saxmundham Free School - Scheme Of Work Map

	Statistical diagrams and averages	Algebraic manipulation	Equations and inequalities
	Algebra: Sequences	Linear graphs	Accuracy, powers and surds
	Ratio, proportion and rates of change	Right – angled triangles	Quadratic equations
	Geometry and measures: Angles	Similarity	Statistics: Sampling
11	Probability	Algebra: Algebraic fractions	Revision and exam preparation
	Properties of circles	Vector geometry	
	Direct and inverse proportion	Trigonometry	
	Geometry: Triangles	Rates of change	
	Algebra: Graphs	Geometric proof and reasoning	
	Algebra: Functions	Algebraic proof and reasoning	