

## Year 11 Foundation Tier GCSE course: Edexcel Linear 1MA0 Set 3

<b>Summer Term Year 11</b>	
	Ratio calculations
	Distance Speed and Time
	Proportions and best buy calculations
	Line and rotational symmetry. Planes of symmetry
	Averages: mean, median, mode and range
	Means from frequency tables
	Percentages, fractions and decimals
	Percentages of quantities. Percentage increase & decrease
	Writing one number as a percentage of another
<b>Autumn Term Year 11</b>	
	Solve equations and set up equations to solve
	Trial and improvement to solve equations
	Simple inequalities
	Rearranging formulae
	Conversion graphs
	Travel graphs
	Draw graphs in the form $y = mx + c$
	Draw and measure angles
	Calculate angles in a variety of problems
	Interior and exterior angles of polygons
	Find angles in parallel lines
	Use bearings
	Area and circumference of a circle
	Scale drawing
	Nets of 3-D shapes. Drawing 3-D shapes on isometric paper
	Plans and elevations
	Probability and listing outcomes in a probability space
	Two-way tables and probability
	Relative frequency
	Transformations: reflections, rotations, translations and enlargements
<b>Spring Term Year 11</b>	
	Constructions and loci

	Conversion between metric and imperial units.
	Draw statistical diagrams including pie charts, scatter diagrams.
	Surveys, questionnaires and social statistics
	Number sequences and nth terms
	Surface area and volume of 3-D shapes
	Volume of a cylinder
	Density
	Drawing quadratic graphs
	Pythagoras' Theorem
<b>Summer Term Year 11</b>	
	Revision and past papers