

Subject Yearly Overview 2023-2024

Subject: Maths Y11	TOPIC	COMPONENT	<i>Notes: Why are you delivering this topic at this time of year?</i>
Autumn 1	Ratio, proportion & rates of change Geometry & measures	Calculating speed, distance & time Calculating density, mass and volume Pythagoras' theorem Trigonometry	I have found that pupils find these concepts hard to grasp so delivering them early allows enough time to revisit and embed learning.
Autumn 2	Fractions Coordinates Straight line graphs	Fractions revision Working with coordinates in all four quadrants Plot graphs of equations that correspond to straight-line graphs Use the form $y = mx + c$ to identify parallel lines; find the equation of the line through two given points or through one point with a given gradient Identify and interpret gradients and intercepts of linear functions graphically	The night sky is most visible in the winter months and provides an opportunities to view real constellations
Spring 1	Functional skills exam prep Or	Drawing graphs from a table of values Deriving information from a table and drawing the appropriate graphs Bearings Ordering fractions, decimals and percentages Mode, Median & Mean	Pupils will now have been taught a large amount of content and be in a position to sit the Functional skills assessments.

	AQA Entry Level Certificate Maths - 5930.	Properties of number The four operations Ratio Money The calendar and time Measures Geometry Statistics	
Spring 2	Ratio Probability	Express one quantity as a fraction of another, where the fraction is less than 1 or greater than 1 Use ratio notation, including reduction to simplest form Divide a given quantity into two parts in a given part:part or part:whole ratio; express the division of a quantity into two parts as a ratio; apply ratio Probability scale Outcomes of probability Experiments using tables and frequency trees	A contrast to the previous topic to give pupils a fresh perspective
Summer 1	Exam preparation (GCSE & Functional skills)		
Summer 2			