

Year 9

Subject Mathematics



Term	Week	Focus	Summary	Learning Outcomes
Term 1	1		Baseline Assessments	Introduction lessons and baseline assessments.
	2		Indices	Apply the laws of indices, including with negative indices.
	3		Standard Form	Explore writing numbers in standard form and apply the four operations.
	4		Scale Factors	Using a calculator to multiple by scale factors.
	5	Ratio and Proportion	Percentage Change	Write one number as a fraction of another.
	6		Reverse Percentages	Calculate the original price of an item in a sale.
	7		Retrieval Practice	To access the topics taught during the half term.
	8	Ratio and Proportion	Multipliers	Use of a calculator to calculate percentage change.
	9		Interest & Depreciation	Calculate simple and compound interest and find the depreciated value of an item after a given amount of time.
	10		Speed, Distance & Time	Find an average speed, given a distance and time.
	11		Speed, Distance & Time Graphs	Draw a speed, distance and time graph.
	12		Currency Conversion	Convert between several currencies given exchange rates. Convert between several currencies given exchange rates. Convert between several currencies given exchange rates.
	13	Perimeter, Area and Volume	Pythagoras' Theorem in 3D	Find the lengths of space diagonals.
	14		Retrieval Practice	To access the topics taught during the half term.