

Year 11 Nurture Scheme of learning 2023-2024

Term 1

Stretch key learning in italics

Topic	Key learning	MathsWatch	☹	😊	☺
FDP	Order fractions using common denominators	70			
	Convert a percentage to a fraction and a decimal (vice versa)	85			
	Convert a fraction into a decimal	84			
	<i>Order fractions, decimals and percentages</i>	85			
Probability	Use a probability scale 0 to 1	14			
	Find the probabilities of equally likely outcomes	59			
	List outcomes for 2 independent events	58			
	Use a two way table or a sample space diagram to find outcomes	126			
	<i>Find relative probabilities</i>	125			
Percentages	Work out a percentage of a given quantity with and without a calculator	40, 86, 87			
	Find one quantity as a percentage of another	40, 88, 89			
	<i>Find percentage increase of an amount</i>	108			
	<i>Find percentage decrease of an amount</i>	108			
	<i>Find the original value (Reverse percentages)</i>	110			
Representing Data	Construct and interpret a pictogram	16			
	Construct and Interpret bar charts	15			
	Construct pie charts	128a			
	Interpret Pie charts	128a			
	<i>Construct and interpret stem and leaf diagrams</i>	128b			
October Half Term					
Averages	Find the mode and range from a stem and leaf diagram	128b, 62			
	Find the median from a stem and leaf diagram	128b, 62			
	Find the mean from a frequency table	130a, 130b			
	<i>Find the mean from a grouped frequency table</i>	130b			
Constructions	Measure and draw a line to 1mm of accuracy				
	Measure and draw angles to 1° of accuracy	46a			
	Draw simple scale diagrams	4			
	<i>Construct an angle bisector and perpendicular bisector</i>	145a			
Ratio and Proportion	Write and simplify a ratio	38			
	Divide a quantity into a given ratio a:b	106			
	Solve word problems for ratio and proportion	107, 165a			
	<i>Solve a best buy and recipe problem</i>	42			
Mocks (2 weeks)					
Gap fill/ Review of papers					
Christmas holidays					