

YEAR 11 Foundation: 2018-19			
Term	Week	YEAR 10: 2017-18	Topic break-down (sub-topics)
Autumn 1	1	Linear graphs	8.1 Graphs and equations 8.2 Drawing linear graphs by finding points 8.3 Gradient of a line 8.4 $y = mx + c$
	2	Linear graphs	8.5 Finding the equation of a line from its graph 8.6 The equation of a parallel line 8.7 Real-life uses of graphs 8.8 Solving simultaneous equations using graphs
	3	Ratio, speed and proportion	10.1 Ratio 10.2 Speed, distance and time
	4	Ratio, speed and proportion	10.3 Direct proportion problems 10.4 Best buys
	5	Volume and surface area of a prism	14.1 3D shapes 14.2 Volume and surface area of a cuboid 14.3 Volume and surface area of a prism 14.4 Volume and surface area of cylinders
	6	ASSESSMENT WEEK	
	7	RE-TEACH	
Half term - two weeks			
Autumn 2	1	Linear equations	15.1 Solving linear equations 15.2 Solving equations with brackets
	2	Linear equations	15.3 Solving equations with the variable on both sides 15.4 Solving equations with the variable on both sides with brackets
	3	Probability and events	13.1 Calculating probabilities 13.2 Probability that an outcome will not happen 13.3 Mutually exclusive and exhaustive outcomes
	4	Probability and events	13.4 Experimental probability 13.5 Expectation 13.6 Choices and outcomes
	5	Revision	
	6	MOCK EXAMS	
	7	Reducing the REDs	
End of term - two weeks			
Spring 1	1	Percentages and compound measures	16.1 Equivalent percentages, fractions and decimals 16.2 Calculating a percentage of a quantity 16.3 Increasing and decreasing quantities by a percentage 16.4 Expressing one quantity as a percentage of another 16.5 Compound measures
	2	Percentages and compound measures	17.1 Compound interest and repeated percentage change 17.2 Reverse percentage (working out the original value) 17.3 Direct proportion 17.4 Inverse proportion
	3	Congruency and similarity	23.1 Congruent triangles 23.2 Similarity
	4	Probability: Combined events	24.1 Combined events 24.2 Two-way tables 24.3 Probability and Venn diagrams 24.2 Tree diagrams
	5	Powers and standard form	25.1 Powers (indices) 25.2 Rules for multiplying and dividing powers 25.3 Standard form
	6	Revision	

Half term - one week		
Spring 2	1	MOCK EXAMS
	2	Simultaneous equations 26.1 Elimination method for simultaneous equations 26.2 Substitution method for simultaneous equations 26.3 Balancing coefficients to solve simultaneous equations 26.4 Using simultaneous equations to solve problems 26.5 Linear inequalities
	3	Algebra: Non-linear graphs 27.1 Distance-time graphs 27.2 Velocity-time graphs 27.3 Plotting quadratic graphs 27.4 Solving quadratic equations by factorisation 27.5 The significant points of a quadratic curve 27.6 Cubic and reciprocal graphs
	4	REVISION
	5	REVISION
End of term - two weeks		
Summer 1	1	REVISION
	2	REVISION
	3	REVISION
	4	REVISION
	5	REVISION
	6	EXAM
Half term - one week		
Summer 2	1	EXAM
	2	EXAM