



MATHEMATICS

Long Term Plans

Year 7

Term	Week											
	1	2	3	4	5	6						
Y7	1	Unit 1 - Number skills			TEST	Unit 2 - Algebra - Expressions			TEST	Half Term		
	2	Unit 1 DIRT	Unit 3 - Angles			TEST	Unit 2 DIRT	Unit 4 - Decimals			TEST	Christmas
	3	Unit 3 DIRT	Unit 5 - Fractions & Percentages			TEST	Unit 4 DIRT	Unit 6 - Perimeter, Area & Volume			TEST	Half Term
	4	Unit 5 DIRT	Unit 7 - Analysing & Displaying Data			TEST	Unit 6 DIRT	Unit 8 - Algebra - Sequences & Graphs			TEST	Easter
	5	Unit 7 DIRT	Unit 9 - Ratio & Proportion			TEST	Unit 8 DIRT	Unit 10 - Transformations			TEST	Half Term
	6	Unit 9 & 10 DIRT	Problem Solving/Rich tasks/reviewing the 'worst' topics from the year							Summer		

Year 8

Term	Week											
	1	2	3	4	5	6						
Y8	1	Unit 1 - Number skills			TEST	Unit 2 - Algebra - Expressions & equations			TEST	Half Term		
	2	Unit 1 DIRT	Unit 3 - Angles			TEST	Unit 2 DIRT	Unit 4 - Problem Solving with Decimals			TEST	Christmas
	3	Unit 3 DIRT	Unit 5 - Proportion			TEST	Unit 4 DIRT	Unit 6 - Perimeter, Area & Volume			TEST	Half Term
	4	Unit 5 DIRT	Unit 7 - Analysing & Displaying Data			TEST	Unit 6 DIRT	Unit 8 - Algebra - Sequences & Graphs			TEST	Easter
	5	Unit 7 DIRT	Unit 9 - Probability			TEST	Unit 8 DIRT	Unit 10 - Understanding Graphs			TEST	Half Term
	6	Unit 9 & 10 DIRT	Problem Solving/Rich tasks/reviewing the 'worst' topics from the year							Summer		

Year 9

Term	Week											
	1	2	3	4	5	6						
Y9	1	Unit 1 - Number skills			TEST	Unit 2 - Algebra - Expressions and formulas			TEST	Half Term		
	2	Unit 1 DIRT	Unit 3 - Constructions			TEST	Unit 2 DIRT	Unit 4 - Algebra - Equations			TEST	Christmas
	3	Unit 3 DIRT	Unit 5 - Proportion			TEST	Unit 4 DIRT	Unit 6 - Areas and units			TEST	Half Term
	4	Unit 5 DIRT	Unit 7 - Analysing & Displaying Data			TEST	Unit 6 DIRT	Unit 8 - Algebra - Graphs			TEST	Easter
	5	Unit 7 DIRT	Unit 9 - Probability			TEST	Unit 8 DIRT	Unit 10 - Similarity and congruence			TEST	Half Term
	6	Unit 9 & 10 DIRT	Problem Solving/Rich tasks/reviewing the 'worst' topics from the year				END OF YEAR TEST		MOP UP TOPICS FROM EOY TEST		Summer	



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FOUNDATION

Term	Week							
	1	2	3	4	5	6		
Yr10	Unit 1 - Number (Integers & place value; Decimals; Indices, powers & roots; Factors, multiples & primes) T			Unit 2 - Algebra T		Unit 3 - Angles & shapes	Half Term	
	Unit 3 - Angles & shapes T	Unit 4 - angles in polygons T	Assessment (for TP1)	Unit 5 - Ratio T	Unit 6 - Proportion T	Unit 7 - Samples & averages T	Christmas	
	Unit 8 - Fractions, decimals & percentages T			Unit 9 - Perimeter, area, volume			Unit 10 - Eqns & inequalities	Half Term
	Unit 10 - Eqns & inequalities	Assessment (for TP2)	Unit 11 - Sequences	Unit 12 - Graphs		Unit 13 - Tables & charts	Easter	
	Unit 13 - Tables & charts		Unit 14 - Probability			Unit 15 - Pythagoras & Trig		Half Term
	Unit 16 - Standard form	Unit 17 - Transformations			End of Year?	Work Experience	Unit 17 - Transformations	Summer
Yr11	Unit 18 - Compound measures		Unit 19 - Circles (Circles, cylinders, cones & spheres)		Unit 20 - Plans & elevations	Unit 21 - Construction	Half Term	
	Unit 21 - Construction, loci & bearings	Pre-mock revision	Mocks	Unit 21 - Bearings	Unit 22 - Similarity & congruence; vectors		Christmas	
	Unit 23 - Quadratics		Unit 24 - Further algebra				Half Term	
							Easter	
							Half Term	

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HIGHER

Term	Week							
	1	2	3	4	5	6		
Yr10	Unit 1 - Number (incl standard form & surds) T			Unit 2 - Algebra T		Unit 3 - Angles	Half Term	
	Unit 3 - Angles, pythagoras & trig T			Assessment (for TP1)	Unit 4 - Ratio & proportion T	Unit 5 - Averages & Scattergraphs T	Christmas	
	Unit 5 - Aves & SG	Unit 6 - Fractions, decimals, percentages T			Unit 7 - Perimeter, area & circles	Unit 8 - Volume (spheres, cones etc)	Unit 9	Half Term
	Unit 9 - Sequences	Unit 10 - Linear graphs & coordinates	Assessment (for TP2)	Unit 11 - Inequalities	Unit 12 - Collect data	Unit 13 - Displaying data		Easter
	Unit 13	Unit 14 - Real life graphs	Unit 15 - Probability		Unit 16 - Accuracy & bounds	Unit 17 - Quadratics		Half Term
	Unit 18 - Simultaneous eqns			Assessment (for TP3)	Unit 19 - Transformations	Work Experience	Unit 19 - Transformations	Summer
Yr11	Unit 20 - Direct & inverse proportion	Unit 21 - Construction loci & bearings		Unit 22 - Other graphs	Unit 23 - Further algebra	Unit 24	Half Term	
	Unit 24 - Circle theorems	Pre-mock revision	Mocks	Unit 25 - Graphs of trig functions	Unit 26 - Further graphs		Christmas	
	Unit 27 - Similarity & congruence	Unit 28 - Further trig		Unit 29 - Vectors & geometric proof			Half Term	
							Easter	
							Half Term	