

GRADE 8 KS3 Maths Progress			
TERM	UNIT / LESSON	HOURS	OBJECTIVES
AUTUMN	Number 1	4	
	Adding and Subtracting Fractions		
	Multiplying and Dividing Fractions		
	BIDMAS		
	Significant Figures		
	Alegbra 1	4	
	Simlifying Algebraic Expressions		
	Expanding Brackets		
	Solving Equations - Unknown on Both Sides		
	Graphs 1	8	
	Gradient of a Straight Line		
	Plotting Linear Graphs		
	Equation of a Straight Line		
	Interpret Real Life Graphs - Conversion Graphs		
	Shape and Space 1	10	
	Angles in a Triangle and Properties of Special Triangles		
	Sum of Interior Angles		
	Interior and Exterior Angles		
	Scale Drawings		
	Bearings		
	Constructing Triangle (SSS)		
	Constructing Perpendicular Bisector of a Line and an Angle		
	Similar Triangles		
HALF-TERM TEST			
AUTUMN	Sets	4	

	Set Notation		
	Venn Diagrams		
	Number 2	6	
	Standard Form		
	Percentages		
	Percentage Increase and Decrease		
	Algebra 2	10	
	Simplifying Algebraic Expressions		
	Solving Equations		
	Solving Equations with roots and powers		
	Positive Integer Indices		
	Inequalities		
	Graphs 2	8	
	Straight Line Graphs		
	Sketching Straight Line Graphs		
	Simultaneous equations		
	Shape and space 2	6	
	Pythagoras Theorem		
	Circles Theorems		
END OF TERM TEST			
SPRING	Handling Data	8	
	Statistical Investigation		
	Presenting Data		
	Misleading Data Presentation		
	Averages for Discrete Data		
	Number 3	4	
	Prime Factors		
	HCF and LCM		
	Ratio		
	Algebra 3	8	
	Simple Factorising		
	Simplifying Fractions		
	Equations with Fractions		

	Simultaneous Equations		
	Graphs 3	4	
	Distance - Time Graphs		
	Speed - Time Graphs		
	Space and Space 3	6	
	Tangent Ratio		
	Calculating Sides		
	Calculating Angles		
	Handling Data 2	8	
	Frequency Tables		
	Discrete Data		
	Continuous Data		
END OF TERM TEST			
SUMMER	Number 4	4	
	Compound Percentages		
	Inverse Percentages		
	Algebra 4	6	
	Using Formulae		
	Change of Subject		
	Further Formulae		
	Graphs 4	6	
	Quadratic Graphs		
	Solution of quadratic graphs		
	Shape and Space 4	8	
	Sine and cosine Ratios		
	Calculating sides		
	Calculating Angles		
	Mixed Questions		
	Handling Data 3	6	
	Measures of dispersion		
	Quartiles		
	Cumulative Frequency		
END OF TERM TEST			