

Mathematics 2016-17	TERM 1		TERM 2		TERM 3	
	HALF TERM 1 (Sept - Oct)	HALF TERM 2 (Nov - Dec)	HALF TERM 3 (Jan - Feb)	HALF TERM 4 (Mar - Apr)	HALF TERM 5 (Apr - May)	HALF TERM 6 (June - July)
YEAR 7 Set 1 teacher: Mr Beetham Set 2 teacher: Miss Matthews Set 3 teacher: Mr Ismail	<ul style="list-style-type: none"> Using numbers Sequences Perimeter, area and volume Decimal numbers Working with numbers 		<ul style="list-style-type: none"> Statistics Using algebra Fractions Angles Coordinates and graphs Percentages 		<ul style="list-style-type: none"> Probability Symmetry Equations Interpreting data 3D shapes Ratio 	
YEAR 8 Set 1 teacher: Mr Ismail Set 2 teacher: Mr Beetham Set 3 teacher: Miss Matthews	<ul style="list-style-type: none"> Working with numbers Geometry Probability Percentages Sequences Area and volume Graphs Simplifying numbers 		<ul style="list-style-type: none"> Interpreting data Algebra Congruence and scaling Fractions and decimals 		<ul style="list-style-type: none"> Proportion Circles Equations and formulae Comparing data 	
YEAR 9 Set 1 teacher: Mr Beetham Set 2 teacher: Miss Matthews Set 3 teacher: Mrs Dodd	<ul style="list-style-type: none"> Percentages Equations and formulae Polygons Using data Circles or Application of graphs (depending on set) Enlargements or Pythagoras' theorem (depending on set) Fractions 		<ul style="list-style-type: none"> Algebra Decimal numbers Surface area and volume Solving equations graphically 		<ul style="list-style-type: none"> Compound measures Triangles GCSE Preparation 	

<p>YEAR 10</p> <p>Set 1 teacher: Miss Matthews</p> <p>Set 2 teacher: Mr Ismail</p> <p>Set 3 teacher: Mr Beetham</p>	<p>Foundation</p> <ul style="list-style-type: none"> • Basic number • Fractions, ratio and proportion • Statistical diagrams and averages • Angles • Number properties • Approximations 	<p>Higher</p> <ul style="list-style-type: none"> • Basic number • Fractions, ratio and proportion • Statistical diagrams and averages • Number and sequences • Ratio and proportion • Angles 	<p>Foundation</p> <ul style="list-style-type: none"> • Decimals and fractions • Linear graphs • Expressions and formulae • Ratio and proportion and rates of change • Perimeter and area 	<p>Higher</p> <ul style="list-style-type: none"> • Transformations, constructions and loci • Algebraic manipulation • Length, area and volume • Linear graphs 	<p>Foundation</p> <ul style="list-style-type: none"> • Transformations • Probability and events • Volume and surface area of prisms • Linear equations 	<p>Higher</p> <ul style="list-style-type: none"> • Right angled triangles • Similarity • Exploring and applying probability • Powers and standard form • Equations and inequalities
<p>YEAR 11</p> <p>Set 1 teacher: Mr Ismail</p> <p>Set 2 teacher: Mr Beetham</p> <p>Set 3 teacher: Miss Matthews</p>	<p>Foundation</p> <ul style="list-style-type: none"> • Percentages and compound measures • Percentages and variation • More complex statistics • Constructions and loci • Curved shapes and pyramids • Number and sequences 	<p>Higher</p> <ul style="list-style-type: none"> • Counting, accuracy, powers and surds • Quadratic equations • Sampling and more complex diagrams • Combined events • Properties of circles 	<p>Foundation</p> <ul style="list-style-type: none"> • Right-angled triangles • Congruency and similarity • Combined events • Powers and standard form • Simultaneous and linear equations • Non-linear graphs 	<p>Higher</p> <ul style="list-style-type: none"> • Variation • Triangles • Graphs • Algebraic fractions and functions • Vectors 	<p>Revision and Exam Preparation</p>	<p>Summer Exams (Study Leave)</p>