

## Key Stage 3 and 4 Support work overview: Maths September - October

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
<b>Year 7</b> <a href="#">Year 7 detail link</a>	Place value and parts of a whole		Rounding		Estimation		Catch up week
<b>Year 8</b> <a href="#">Year 8 detail link</a>	Multiply	Introduction to algebra		Negative numbers	Simplify expressions		
<b>Year 9</b> <a href="#">Year 9 detail link</a>	Multiply	Types of data	Averages and spread of data		Percentages		
<b>Year 10F</b> <a href="#">Year 10F detail link</a>	Number, rounding, factors and multiples			Decimals and fractions		Indices and standard form	
<b>Year 10H</b> <a href="#">Year 10H detail link</a>	Number, rounding, factors, multiples, decimals and fractions			Indices and standard form		Surds	
<b>Year 11F</b> <a href="#">Year 11F detail link</a>	Algebra and linear graphs			3D representation and volume		Congruency and similarity	
<b>Year 11H</b> <a href="#">Year 11H detail link</a>	Algebra: rearranging, quadratics and fractions			3D representation, volume and congruency			Iteration

## Key Stage 3 and 4 Support work overview: Maths November - December

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
<b>Year 7</b> <a href="#">Year 7 detail link</a>	Multiplication		Division	Negatives		Fractions	
<b>Year 8</b> <a href="#">Year 8 detail link</a>	Substitution		Functions	Compound units		Sequences	
<b>Year 9</b> <a href="#">Year 9 detail link</a>	Frequency tables	Pictogram, bar chart, Pie charts		Time series, histogram (EW), scatter graphs		Histogram, cumulative frequency, box plots	
<b>Year 10F</b> <a href="#">Year 10F detail link</a>	Intro to algebra	Equations		Inequalities		Sequences	
<b>Year 10H</b> <a href="#">Year 10H detail link</a>	Algebra 1: simplify substitute and solve		simultaneous equations	Area and perimeter		Area and circumference Surface area	
<b>Year 11F</b> <a href="#">Year 11F detail link</a>	Rearranging formula	Quadratic equations and graphs			Simultaneous equations		How to revise for mock
<b>Year 11H</b> <a href="#">Year 11H detail link</a>	Linear graphs		Further graphs and equations of a circle			Collecting and representing data	

## Key Stage 3 and 4 Support work overview: Maths January – February

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Year 7</b> <a href="#">Year 7 detail link</a>	Addition and subtraction		perimeter	Basic angle sum		Generate a sequence term to term
<b>Year 8</b> <a href="#">Year 8 detail link</a>	Form and solve equations		Solving: x on both sides		Change the subject	
<b>Year 9</b> <a href="#">Year 9 detail link</a>	Multiply	Probability introduction		Probability tables and venn diagram		Tree diagrams
<b>Year 10F</b> <a href="#">Year 10F detail link</a>	Percentages		Area and perimeter		Area and circumference Surface area	
<b>Year 10H</b> <a href="#">Year 10H detail link</a>	Percentages		Inequalities	Sequences	Ratio and proportion	
<b>Year 11F</b> <a href="#">Year 11F detail link</a>	Mock exams		collecting and representing data		Statistical measures	
<b>Year 11H</b> <a href="#">Year 11H detail link</a>	Mock exams		Statistical measures		Transformations	

## Key Stage 3 and 4 Support work overview: Maths February - March

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Year 7</b> <a href="#">Year 7 detail link</a>	Factors, multiples and primes		Powers	Standard form	Order of operations	Using a calculator
<b>Year 8</b> <a href="#">Year 8 detail link</a>	Pythagoras		Simplify and share a ratio		Ratio on maps	Ratio and fractions
<b>Year 9</b> <a href="#">Year 9 detail link</a>	Properties of 2D shapes and basic angle facts	Parallel lines and angles in a polygon	Co-ordinates and 3D shapes	Similarities	Constructions	Pythagoras and trigonometry
<b>Year 10F</b> <a href="#">Year 10F detail link</a>	Ratio and proportion			Angles		
<b>Year 10H</b> <a href="#">Year 10H detail link</a>	Direct and inverse proportion		Angles		Circle theorems	
<b>Year 11F</b> <a href="#">Year 11F detail link</a>	Transformations		Vectors		Proportion	
<b>Year 11H</b> <a href="#">Year 11H detail link</a>	Vectors		Transforming functions		Growth and decay	

# Key Stage 3 and 4 Support work overview: Maths

April - May

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Year 7</b> <a href="#">Year 7 detail link</a>	Problem solving with fractions	FDP equivalence	Percentages 1		Percentages 2	
<b>Year 8</b> <a href="#">Year 8 detail link</a>	Co-ordinates	Linear graphs		Quadratic graphs	Real life graphs	SDT graphs
<b>Year 9</b> <a href="#">Year 9 detail link</a>	Addition and subtraction	Perimeter, circumference and arcs		Area and sectors		Volume and surface area
<b>Year 10F</b> <a href="#">Year 10F detail link</a>	Probability			Pythagoras and Trigonometry		
<b>Year 10H</b> <a href="#">Year 10H detail link</a>	Algebra: quadratics, rearranging and fractions			Pythagoras and Trigonometry		Sine and cosine
<b>Year 11F</b> <a href="#">Year 11F detail link</a>	Growth and decay Growth and decay		Revision		GCSE	
<b>Year 11H</b> <a href="#">Year 11H detail link</a>	Gradients and rates of change	Area under a curve	Revision		GCSE	

## Key Stage 3 and 4 Support work overview: Maths June - July

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
<b>Year 7</b> <a href="#">Year 7 detail link</a>	Revision for end of year assessments		End of year assessment and feedback		Units of measure		
<b>Year 8</b> <a href="#">Year 8 detail link</a>	Revision for end of year assessments		End of year assessment and feedback		Inequalities		
<b>Year 9</b> <a href="#">Year 9 detail link</a>	Revision for end of year assessments		End of year assessment and feedback		Transformations		Bearings
<b>Year 10F</b> <a href="#">Year 10F detail link</a>	Construction and loci		Mock exams			Measures	Real life graphs
<b>Year 10H</b> <a href="#">Year 10H detail link</a>	Construction and loci		Mock exams			Measures	Real life graphs
<b>Year 11F</b> <a href="#">Year 11F detail link</a>	GCSE						
<b>Year 11H</b> <a href="#">Year 11H detail link</a>	GCSE						

	Number
	Algebra
	Ratio and proportion
	Geometry
	Statistics