

# Maths Higher Revision plan 2017/18

**The following topics need to be covered during quizzing:**

Indices  
 Standard form  
 Data topics  
 Reverse mean  
 Averages from grouped frequency tables  
 Simplifying algebraic expressions  
 Conversion graphs  
 Fractions  
 Unit Conversion  
 Product of Primes, LCM & HCF  
 Expanding a Single Bracket  
 Factorising  
 Multiplication and division with integers and decimals  
 Recurring decimals  
 Changing subject of formula  
 Formulae recall

**Revision Plan**

Day	Date	WK	Examinations	Topic/Skill Focus	Assessment	HWK/Revision to be set	
<b>January</b>	3		Year 11 Mock Exams	Revision question pack			
Wednesday							
Thursday	4				KESH papers	Mock revision	
Friday	5			Revision question pack	Peer Marking of Half Paper		
Monday	8	<b>A</b>	Year 11 Mock Exams	Revision question pack	KESH papers	Indices	
Tuesday	9					Peer Marking of Half Paper	
Wednesday	10					Revision question pack	
Thursday	11						
Friday	12					Revision question pack	
Monday	15	<b>B</b>	Year 11 Mock Exams	GCSE half paper	KESH papers	Product of primes, LCM & HCF	
Tuesday	16					Peer Marking of Half Paper	
Wednesday	17					Ratio & proportion problem questions	

Thursday	18			Inverse & direct proportion			
Friday	19			Exponential graphs			
Monday	22	<b>A</b>		GCSE half paper	KESH papers	Linear simultaneous equations	
Tuesday	23					Peer Marking of Half Paper	
Wednesday	24				Combinations/product rule for counting		
Thursday	25						
Friday	26				Fraction skills, operations & problems		
Monday	29	<b>B</b>		GCSE half paper	KESH papers	Quadratic simultaneous equations	
Tuesday	30				Percentage skills, operations and problems 1	Peer Marking of Half Paper	
Wednesday	31						
<b>February</b> Thursday	1			Y11 mock results day	Percentage skills, operations and problems 2		
Friday	2				Mock Feedback and Review	Working through key questions from mock. Setting targets and individual areas of weakness	
Monday	5	<b>A</b>		GCSE half paper	KESH papers	Compound interest, exponential growth & decay, reverse percentages	
Tuesday	6			Y11 Stepping up day		Peer Marking of Half Paper	
Wednesday	7				Arithmetic sequences, Fibonacci, triangular & geometric		
Thursday	8						
Friday	9				Quadratic sequences		
Monday	12	<b>B</b>		GCSE half paper	KESH papers	Algebraic fractions	
Tuesday	13				Iteration	Peer Marking of Half Paper	
Wednesday	14				Inequalities		
Thursday	15				Graphical inequalities- regions		
Friday	16				Solve quadratic inequalities		
Half term holiday Monday 19 <sup>th</sup> - Friday 23 <sup>rd</sup> February							
Monday	26	<b>A</b>		GCSE half paper	KESH papers	Standard form	
Tuesday	27					Peer Marking of Half Paper	
Wednesday	28				Bounds & limits of accuracy		
<b>March</b> Thursday	1						

Friday	2			Probability – calculations, expectation, notation			
Monday	5	<b>B</b>		GCSE half paper		Recurring decimals	
Tuesday	6			Probability tree diagrams inc. conditional probability	Peer Marking of Half Paper		
Wednesday	7			Probability & Venn diagrams			
Thursday	8			Probability & two-way tables			
Friday	9			Loci & construction			
Monday	12	<b>A</b>	Y11 testing week	GCSE half paper	KESH papers	Loci and construction	
Tuesday	13			GCSE PE practical exam		Peer Marking of Half Paper	
Wednesday	14			GCSE PE practical exam	Loci & construction		
Thursday	15			Y11 dance exam (13:20-15:20)			
Friday	16				Transformations		
Monday	19	<b>B</b>		GCSE half paper	KESH papers	Angle problem questions	
Tuesday	20			Similar shapes	Peer Marking of Half Paper		
Wednesday	21			Area problems			
Thursday	22			Surface area problems			
Friday	23			Volume problems			
Monday	26	<b>A</b>		GCSE half paper	KESH papers	Circle theorem	
Tuesday	27				Peer Marking of Half Paper		
Wednesday	28			Bearings			
Thursday	29						
Easter holiday Friday 30 <sup>th</sup> March-Friday 13 <sup>th</sup> April							
<b>April</b>	2	<b>Easter Revision Sessions</b>					
Monday							
Tuesday	3						
Wednesday	4						
Monday	16			GCSE half paper	KESH papers	Probability	
Tuesday	17			Solving quadratics revision	Peer Marking of Half Paper		
Wednesday	18			Forming & solving- linear & quadratic			
Thursday	19			Y11 Reports	Algebra problem questions		
Friday	20				Algebraic fractions		

Monday	23	A		GCSE half paper	KESH papers	Cumulative frequency & box plots		
Tuesday	24					Peer Marking of Half Paper		
Wednesday	25				Functions			
Thursday	26							
Friday	27				Graphs – trig, transformations, estimating solutions, recognition			
Monday	30	B		GCSE half-paper	KESH papers	Frequency polygons & reverse mean		
<b>May</b> Tuesday	1					Peer Marking of Half papers		
Wednesday	2				Data topics revision question pack			
Thursday	3				Data topics revision question pack			
Friday	4				Angle problem questions – inc polygon problems			
Monday	7	A	May Day					
Tuesday	8					Peer Marking of Half Paper	Histograms	
Wednesday	9				Circle theorem	KESH papers		
Thursday	10							
Friday	11				GCSE half paper			
Monday	14	B	Y11 Summer exams	GCSE half paper	KESH papers	Graph transformations		
Tuesday	15					Peer Marking of Half Paper		
Wednesday	16					Trigonometry & Pythagoras inc. 3D		
Thursday	17					Sine & Cosine rule, 1/2absinC problems		
Friday	18					Compound measures		
Monday	21	A	Y11 Summer exams	GCSE half paper	KESH papers	GCSE final revision question pack		
Tuesday	22							
Wednesday	23					Revision GCSE question pack		
Thursday	24					<b>GCSE Paper 1 (Non-Calc)</b>		
Friday	25					GCSE Paper Practice	Peer Marking of GCSE Paper	
Half term Monday 28 <sup>th</sup> May – Friday 1 <sup>st</sup> June								
<b>June</b> Monday	4		Y11 Summer exams					
Tuesday	5							
Wednesday	6							
Thursday	7				Y11 study leave			
Friday	8							

Monday	11	<b>A</b>	Y11 Summer exams			
Tuesday	12					
Wednesday	13					
Thursday	14		Y11 study leave			
Friday	15					
Monday	18	<b>B</b>	Y11 Summer exams			
Tuesday	19					
Wednesday	20					
Thursday	21		Y11 study leave			
Friday	22					
Monday	25	<b>A</b>	Y11 Summer exams			
Tuesday	26					
			Y11 study leave			

**GCSE results day**

**Thursday 23<sup>rd</sup> August 2018**