

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Algebraic Thinking						Place Value and Proportion					
	Sequences		Understand and use algebraic notation		Equality and equivalence		Place value and ordering integers and decimals			Fraction, decimal and percentage equivalence		
Spring	Applications of Number						Directed Number			Fractional Thinking		
	Solving problems with addition & subtraction		Solving problems with multiplication and division		Fractions & percentages of amounts		Operations and equations with directed number			Addition and subtraction of fractions		
Summer	Lines and Angles						Reasoning with Number					
	Constructing, measuring and using geometric notation			Developing geometric reasoning			Developing number sense		Sets and probability		Prime numbers and proof	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Proportional Reasoning						Representations					
	Ratio and scale		Multiplicative change		Multiplying and dividing fractions		Working in the Cartesian plane			Representing data		Tables & Probability
Spring	Algebraic techniques						Developing Number					
	Brackets, equations and inequalities				Sequences	Indices	Fractions and percentages			Standard index form		Number sense
Summer	Developing Geometry						Reasoning with Data					
	Angles in parallel lines and polygons			Area of trapezia and circles		Line symmetry and reflection	The data handling cycle				Measures of location	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Reasoning with Algebra						Constructing in 2 and 3 Dimensions					
	Straight line graphs		Forming and solving equations		Testing conjectures		Three-dimensional shapes			Constructions and congruency		
Spring	Reasoning with Number						Reasoning with Geometry					
	Numbers		Using percentages		Maths and money		Deduction		Rotation and translation		Pythagoras' Theorem	
Summer	Reasoning with Proportion						Representations and Revision					
	Enlargement and similarity		Solving ratio & proportion problems		Rates		Probability		Algebraic representation		Revision	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Similarity						Developing Algebra					
	Congruence, similarity and enlargement			Trigonometry			Representing solutions of equations and inequalities			Simultaneous equations		
Spring	Geometry						Proportions and Proportional Change					
	Angles & bearings		Working with circles		Vectors		Ratios & fractions		Percentages and Interest		Probability	
Summer	Delving into data				Using number				Expressions			
	Collecting, representing and interpreting data				Non-calculator methods		Types of number and sequences		Indices and Roots		Manipulating expressions	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Graphs						Algebra					
	Gradients & lines		Non-linear graphs		Using graphs		Expanding & factorising		Changing the subject		Functions	
Spring	Reasoning						Revision and Communication					
	Multiplicative		Geometric		Algebraic		Transforming & constructing		Listing & describing		Show that...	
Summer	Revision						Examinations					

YEAR 12 TOPICS

TEACHING WEEK	SCHOOL WEEK	WEEK COMMENCING	TEACHER 1	TEACHER 2	Teaching hours	HOMEWORK	ASSESSMENTS	
1	A	05 September 2022	Chapter 1 – Algebra 1	Chapter 1 – Algebra 1	1	Mymaths	AUTUMN TERM 1	
2	B	12 September 2022			2			3
3	A	19 September 2022			4	5		Mymaths
4	B	26 September 2022			6	7		
5	A	03 October 2022			1	2		Mymaths
6	B	10 October 2022			3	4		
7	A	17 October 2022			5	6		Mymaths
Half term: Monday 24 October - Friday 28 October 2022								
8	B	31 October 2022	Chapter 2 – Polynomials and the binomial theorem	Chapter 3 – Trigonometry & Chapter 4 – Differentiation and integration	1	Mymaths	AUTUMN TERM 2	
9	A	07 November 2022			2			3
10	B	14 November 2022			4	5		Mymaths
11	A	21 November 2022			6	7		
12	B	28 November 2022			1	2		Mymaths
13	A	05 December 2022			3	4		
14	B	12 December 2022			5	6		Mymaths
CHRISTMAS HOLIDAYS [WC 19/12/22 TO WC 26/12/22] +bank holiday and training day (start back 4/01/23)								
15	A	02 January 2023	Chapter 4 – Differentiation and integration & Chapter 5 – Exponentials and	Chapter 4 – Differentiation and integration	1	Mymaths	SPRING TERM 1	
16	B	09 January 2023			2			3
17	A	16 January 2023			4	5		Mymaths
18	B	23 January 2023			6	7		
19	A	30 January 2023			1	2		Mymaths
20	B	06 February 2023			3	4		
Half term: Monday 13 February - Friday 19 February 2023								

15	A	02 January 2023	Chapter 4 – Differentiation and integration & Chapter 5 – Exponentials and	<u>4.6 Integration</u>	Chapter 4 – Differentiation and integration	<u>4.2 Differentiating axn and Leibniz notation</u>	1 2 3 4 5 6 7	Mymaths	SPRING TERM 1
16	B	09 January 2023		<u>4.7 Area under a curve</u>		<u>4.2 Differentiating axn and Leibniz notation</u>	1 2 3 4 5 6 7	Mymaths	
17	A	16 January 2023		<u>5.1 The laws of logarithms</u>		<u>4.3 Rate of change</u>	1 2 3 4 5 6 7	Mymaths	
18	B	23 January 2023		<u>5.1 The laws of logarithms</u>		<u>4.4 Tangents and Normals</u>	1 2 3 4 5 6 7	Mymaths	
19	A	30 January 2023		<u>5.2 Exponential functions</u>		<u>4.5 Turning points</u>	1 2 3 4 5 6 7	Mymaths	
20	B	06 February 2023		<u>5.2 Exponential functions</u>		<u>4.5 Turning points</u>	1 2 3 4 5 6 7	Mymaths	

Half term: Monday 13 February - Friday 19 February 2023

21	A	20 February 2023	Chapter 5 – Exponentials and logarithms & Chapter 9 – Collecting, representing and	<u>5.3 Exponential processes</u>	Chapter 6 – Vectors & Chapter 7 – Units and kinematics	<u>6.1 Definitions and properties</u>	1 2 3 4 5 6 7	Mymaths	SPRING TERM 2
22	B	27 February 2023		<u>5.4 Curve fitting</u>		<u>6.2 Components of a vector</u>	1 2 3 4 5 6 7	Mymaths	
23	A	06 March 2023		<u>9.1 Sampling</u>		<u>7.1 Standard units and basic dimensions</u>	1 2 3 4 5 6 7	Mymaths	
24	B	13 March 2023		<u>9.2 Central tendency and spread</u>		<u>7.2 Motion in a straight line – definitions and graphs</u>	1 2 3 4 5 6 7	Mymaths	
25	A	20 March 2023		<u>9.3 Single-variable data</u>		<u>7.3 Equations of motion for constant acceleration</u>	1 2 3 4 5 6 7	Mymaths	
26	B	27 March 2023		<u>9.4 Bivariate data</u>		<u>7.4 Motion with variable acceleration</u>	1 2 3 4 5 6 7	Mymaths	

EASTER HOLIDAYS- [WC 3/4/2023 TO WC 10/04/2023]

26	A	17 April 2023	Chapter 10 – Probability and discrete random variables & Chapter 11 – Hypothesis testing 1	<u>10.1 Probability</u>	Chapter 8 – Forces and Newton's laws	<u>8.1 Forces</u>	1 2 3 4 5 6 7	Mymaths	SUMMER TERM 1
27	B	24 April 2023		<u>10.1 Probability</u>		<u>8.1 Forces</u>	1 2 3 4 5 6 7	Mymaths	
28	A	01 May 2023		<u>10.2 Binomial distribution</u>		<u>8.2 Dynamics</u>	1 2 3 4 5 6 7	Mymaths	
29	B	08 May 2023		<u>11.1 Formulating a test</u>		<u>8.2 Dynamics</u>	1 2 3 4 5 6 7	Mymaths	
30	A	15 May 2023		<u>11.1 Formulating a test</u>		<u>8.3 Systems of forces</u>	1 2 3 4 5 6 7	Mymaths	
31	B	22 May 2023		<u>11.2 The critical region</u>		<u>8.3 Systems of forces</u>	1 2 3 4 5 6 7	Mymaths	

Half term: Monday 29 May - Friday 2 June 2023

33	A	05 June 2023		<u>Large Data Set</u>		<u>Large Data Set</u>	1 2 3 4 5 6 7	Mymaths	SUMMER TERM 2	
34	B	12 June 2023		<u>Consolidation and Revision</u>		<u>Consolidation and Revision</u>	1 2 3 4 5 6 7	Mymaths		
35	A	19 June 2023		<u>Consolidation and Revision</u>		<u>Consolidation and Revision</u>	1 2 3 4 5 6 7	Mymaths		
36	B	26 June 2023		<u>Consolidation and Revision</u>		<u>Consolidation and Revision</u>	1 2 3 4 5 6 7	Mymaths		
37	A	03 July 2023		<u>Consolidation and Revision</u>		<u>Consolidation and Revision</u>	1 2 3 4 5 6 7	Mymaths		
38	B	10 July 2023		<u>Consolidation and Revision</u>		<u>Consolidation and Revision</u>	1 2 3 4 5 6 7	Mymaths		
39	A	17 July 2023		<u>Consolidation and Revision</u>		<u>Consolidation and Revision</u>	1 2 3 4	Mymaths		END OF YEAR TEST

SUMMER HOLIDAYS WC 24 July 2023

YEAR 13 TOPICS

TEACHING WEEK	SCHOOL WEEK	WEEK COMMENCING	TEACHER 1	TEACHER 2	Teaching hours	HOMEWORK	ASSESSMENTS	
1	A	05 September 2022	Chapter 12 – Algebra 2 & Chapter 14 – Trigonometric identities	Chapter 13 – Sequences	1	Mymaths	AUTUMN TERM 1	
2	B	12 September 2022			13.1 The binomial series			2
3	A	19 September 2022			12.2 Functions	3		Mymaths
4	B	26 September 2022			12.3 Parametric equations	4		
5	A	03 October 2022			12.3 Algebraic fractions	5		Mymaths
6	B	10 October 2022			12.5 Partial fractions	6		
7	A	17 October 2022			14.1 Radians	7		Mymaths
			14.2 Reciprocal and inverse trigonometric functions	1	AUTUMN TEST 1			
Half term: Monday 24 October - Friday 28 October 2022								
8	B	31 October 2022	Chapter 14 – Trigonometric identities & Chapter 16 – Integration and differential equations	Chapter 15 – Differentiation 2	1	Mymaths	AUTUMN TERM 2	
9	A	07 November 2022			14.2 Reciprocal and inverse trigonometric functions			2
10	B	14 November 2022			14.3 Compound angles	3		Mymaths
11	A	21 November 2022			14.3 Compound angles	4		
12	B	28 November 2022			14.4 Equivalent forms for $a\cos\theta + b\sin\theta$	5		Mymaths
13	A	05 December 2022			14.5 Equivalent forms for $a\cos\theta + b\sin\theta$	6		
14	B	12 December 2022			16.1 Standard integrals	7		Mymaths
			16.2 Integration by substitution	1	AUTUMN TEST 2			
CHRISTMAS HOLIDAYS [WC 19/12/22 TO WC 26/12/22] +bank holiday and training day (start back 4/01/23)								
15	A	02 January 2023	Chapter 16 – Integration and differential equations & Chapter 20 – Probability and continuous	Chapter 17 – Numerical methods & Chapter 18 – Motion in two dimensions	1	Mymaths	SPRING TERM 1	
16	B	09 January 2023			16.3 Integration by parts			2
17	A	16 January 2023			16.4 Integration using partial fractions	3		Mymaths
18	B	23 January 2023			16.5 Differential equations	4		
19	A	30 January 2023			20.1 Conditional probability	5		Mymaths
20	B	06 February 2023			20.1 Conditional probability	6		
			20.2 Modelling with probability	7	Mymaths			
				1		SPRING TEST 1		
				2				
				3				
				4				
				5				
				6				
				7				
Half term: Monday 13 February - Friday 19 February 2023								

Half term: Monday 13 February - Friday 19 February 2023

21	A	20 February 2023	Chapter 20 – Probability and continuous random variables & Chapter 21 – Hypothesis testing 2	20.3 Normal distribution	Chapter 18 – Motion in two dimensions	18.3 Motion under gravity	1	Mymaths	SPRING TERM 2
22	B	27 February 2023		20.4 Using the Normal distribution as an approximation to the binomial		18.4 Motion under forces	2	Mymaths	
23	A	06 March 2023		20.4 Using the Normal distribution as an approximation to the binomial		19.1 Vectors in 3D	3	Mymaths	
24	B	13 March 2023		21.1 Testing correlation		19.2 Statics	4	Mymaths	
25	A	20 March 2023		21.2 Testing a Normal distribution		19.3 Dynamics 2	5	Mymaths	
26	B	27 March 2023				19.4 Moments	6	Mymaths	

EASTER HOLIDAYS- [WC 3/4/2023 TO WC 10/04/2023]

26	A	17 April 2023		Consolidation and Revision	Chapter 19 – Forces	Consolidation and Revision	1	Mymaths	SUMMER TERM 1
27	B	24 April 2023		Consolidation and Revision		Consolidation and Revision	2	Mymaths	
28	A	01 May 2023		Consolidation and Revision		Consolidation and Revision	3	Mymaths	
29	B	08 May 2023		Consolidation and Revision		Consolidation and Revision	4	Mymaths	
30	A	15 May 2023		Consolidation and Revision		Consolidation and Revision	5	Mymaths	
31	B	22 May 2023		Consolidation and Revision		Consolidation and Revision	6	Mymaths	

Half term: Monday 29 May - Friday 2 June 2023

33	A	05 June 2023					1	Mymaths	SUMMER TERM 2	
34	B	12 June 2023					2	Mymaths		
35	A	19 June 2023					3	Mymaths		
36	B	26 June 2023					4	Mymaths		
37	A	03 July 2023					5	Mymaths		
38	B	10 July 2023					6	Mymaths		
39	A	17 July 2023					7	Mymaths		END OF YEAR TEST

SUMMER HOLIDAYS WC 24 July 2023

YEAR 13 FUTURE MATHS TOPICS

TEACHING WEEK	SCHOOL WEEK	WEEK COMMENCING	TEACHER 1	TEACHER 2	Teaching hours	HOMEWORK	ASSESSMENTS			
1	A	05 September 2022	Chapter 12 – Algebra 2 & Chapter 14 – Trigonometric identities	Chapter 13 – Sequences	Differentiation (Maths Ch 15)					
2	B	12 September 2022						Parametric Equations and Binomial Expansions (Maths 12.3 and 13.1)	Differentiation (Maths Ch 15)	
3	A	19 September 2022						Integration (Maths 16)	16.1 The Exponential Form	
4	B	26 September 2022						17.1 Summing Series and Partial Fractions	16.2 de Moivre's Theorem	
5	A	03 October 2022						17.2 Maclaurin Series 2	16.3 Roots of Unity	
6	B	10 October 2022						19.1 Improper Integrals	18.1 Roots of Unity	
7	A	17 October 2022						19.2 Inverse Trigonometric Functions	18.2 Transformations	
Half term: Monday 24 October - Friday 28 October 2022										
8	B	31 October 2022	Chapter 14 – Trigonometric identities & Chapter 16 – Integration and differential equations	Chapter 15 – Differentiation 2	19.3 Hyperbolic Functions					
9	A	07 November 2022						19.4 Partial Fractions	20.1 First Order Equations	
10	B	14 November 2022						19.5 Reduction Formulae	20.2 Second Order Equations	
11	A	21 November 2022						21.1 Numerical Integration	20.3 Simple Harmonic Motion	
12	B	28 November 2022						21.2 Euler's Method	20.4 Modelling Systems	
13	A	05 December 2022						22.1 Systems of Linear Equations 2	20.5 Coupled Equations	
14	B	12 December 2022						22.2 Row and Column Operations	19.6 Polar Graphs and Areas	
CHRISTMAS HOLIDAYS [WC 19/12/22 TO WC 26/12/22] +bank holiday and training day (start back 4/01/23)										
15	A	02 January 2023	Chapter 16 – Integration and differential equations & Chapter 20 – Probability and continuous	Chapter 17 – Numerical methods & Chapter 18 – Motion in two dimensions	22.3 Eigenvalues and Eigenvectors					
16	B	09 January 2023						23.1 Vector Product	24.1 Kinematics of Circular Motion 2	
17	A	16 January 2023						23.2 Equation of a Plane	24.2 Conical Pendulum	
18	B	23 January 2023						23.2 Finding Distances	24.3 Vertical Circular Motion	
19	A	30 January 2023						26.1 Continuous Distributions 2	25.1 Moment of a Force	
20	B	06 February 2023						26.2 Exponential Distribution	25.2 Centre of Mass for Point Masses	
Half term: Monday 13 February - Friday 19 February 2023										

AUTUMN TERM 1

AUTUMN TERM 2

SPRING TERM 1

21	A	20 February 2023	Chapter 20 – Probability and continuous random variables & Chapter 21 – Hypothesis testing 2	27.1 Type II Errors and Power	Chapter 18 – Motion in two dimensions	25.3 Centre of Mass for Uniform Plane Bodies	1		SPRING TERM 2
22	B	27 February 2023		27.2 The t-Test		25.4 Centre of Mass for Non-Uniform Bodies and Solids	2		
23	A	06 March 2023		Revision		Revision	3		
24	B	13 March 2023		Revision		Revision	4		
25	A	20 March 2023		Revision		Revision	5		
26	B	27 March 2023		Revision		Revision	6		

EASTER HOLIDAYS- [WC 3/4/2023 TO WC 10/04/2023]

26	A	17 April 2023		Revision	Chapter 19 – Forces	Revision	1		SUMMER TERM 1
27	B	24 April 2023		Revision		Revision	2		
28	A	01 May 2023		Revision		Revision	3		
29	B	08 May 2023		Revision		Revision	4		
30	A	15 May 2023		Revision		Revision	5		
31	B	22 May 2023		Revision		Revision	6		

Half term: Monday 29 May - Friday 2 June 2023

33	A	05 June 2023		Revision		Revision	1		SUMMER TERM 2
34	B	12 June 2023		Revision		Revision	2		
35	A	19 June 2023		Revision		Revision	3		
36	B	26 June 2023		Revision		Revision	4		
37	A	03 July 2023					5		
38	B	10 July 2023					6		
39	A	17 July 2023			7		END OF YEAR TEST		

SUMMER HOLIDAYS WC 24 July 2023