Forge Valley Maths Department Calendar 2022 - 23

				TERM 1		
W/Beginning	Year 7 Foundation	Year 7 Higher	Year 8 Foundation	Year 8 Higher	Year 9 Foundation	Year 9 Higher
06-Sep	N7.2 Factors, Primes and Powers (1) N2.3 Multiplying/Dividing by Powers of 10 (1) N1.2 Multiplying Whole Numbers (1) N3.2 Rounding Larger Numbers (1)	N7.2 Factors, Primes and Powers (1) N2.3 Multiplying/Dividing by Powers of 10 (1) N1.2 Multiplying Whole Numbers (1) N3.2 Rounding Larger Numbers (1)	REVIEW N7.2 Factors, Primes, Powers (1) REVIEW N2.3 Multiply/Divide by Powers of 10 (1) REVIEW N1.7 BIDMAS (1) REVIEW N3.2 Rounding Large Numbers (1)	REVIEW N1.7 BIDMAS (1) A2.3 Linear Sequences (3)	A3.2 Plotting Linear Functions (3) REVIEW N6.1 Understanding Ratio (1)	REVIEW A3.3 Equation of Straight Line (1) SP1.4 Using Grouped Frequency Tables (3)
13-Sep	N3.3 Rounding Decimals to the nearest Integer (1) GM1.5 Interpreting Scales (1) GM1.6 Using the Metric System (1) Baseline Assessment (1)	N3.3 Rounding Decimals to the nearest Integer (1) GM1.5 Interpreting Scales (1) GM1.6 Using the Metric System (1) Baseline Assessment (1)	N1.5 Add/Subtract Negatives (3) REVIEW N3.3 Rounding to Integers (1)	GM2.6 Types of Quad (3) REVIEW N3.4 Rounding Decimals (1)	SP3.2 Designing a Questionnaire (3) REVIEW N2.5 Using Number System (1)	SP2.5 Displaying Grouped Data (3) REVIEW N6.3 Proportional Quantities (1)
20-Sep	GM5.2 Cartesian Coordinates (1) N1.3 Adding and Subtracting Decimals (1) N2.4 Understanding Negative Numbers (1) DIRT on Assessment (1)	GM5.2 Cartesian Coordinates (1) N1.3 Adding and Subtracting Decimals (1) N2.4 Understanding Negative Numbers (1) DIRT on Assessment (1)	N1.6 Multiply/Divide Negatives (3) REVIEW N1.3 Add/Subtract Decimals (1)	GM2.7 Angles in Parallel Lines (3) REVIEW N3.5 Significance (1)	SP2.6 Scatter Diagrams (3) REVIEW GM5.5 Rotation (1)	GM3.4 Area of Circles (3) REVIEW GM1.9 Scale Drawing (1)
27-Sep	GM5.3 Translation (3)	GM5.3 Translation (3)	REVIEW A2.2 Generating Sequences (1) REVIEW GM2.5 Angles in Triangles/Quads (2)	A1.5 Setting up and Solving Equations (3)	GM3.3 Circumference (3)	N2.6 Writing in Standard Form (3)
04-Oct	N7.1 Multiples (3) N2.2 Understanding Decimals (3) REVIEW N2.4 Negative Numbers (3) AL Number Detective / Ski Run (1) REVIEW N3.2 Rounding Larger Numbers (2)	N1.5 Add/Subtract Negatives (3) AL Primes, Factors, Multiples Problems (1)	A1.3 Combining Variables (3) REVIEW SP3.1 Collecting Data (1)	A1.6 Using Brackets (3) REVIEW Angles in Triangles/Quads (1)	N1.8 Multiplying Decimals (3) REVIEW N7.4 Index Notation (1)	N7.5 Prime Factorisation (3) REVIEW GM1.7 Metric/Imperial Conversion (1)
11-Oct		N1.6 Multiply/Divide Negatives (3) AL Number Detective / Ski Run (1)	SP1.1 Mode, Median and Range (3) REVIEW GM5.2 Cartesian Coordinates (1)	N4.4 Add/Subtract Fractions (3) REVIEW GM3.2 Area and Perimeter (1)	N1.9 Dividing Decimals (3) REVIEW A2.3 Linear Sequences (1)	A1.9 Simplifying Harder Expressions (3) REVIEW A2.4 Special Sequences (1)
18-Oct		A1.3 Combining Variables (3) AL Binary (1)	SP1.2 Mean, Mode, Median, Range (3) REVIEW GM3.1 Understanding Area (1)	N4.5 Mixed Numbers (3) REVIEW SP4.2 Single Event Probability (1)	A1.7 Working with Complex Equations (3) REVIEW GM3.2 Area and Perimeter (1)	GM3.5 Pythagoras (3) REVIEW GM6.3 Vol/SA of Cuboids (1)
	Half Term					
01-Nov	A1.1 Making & Using Word Formulae (2) REVIEW N7.2 Factors, Primes Powers (2)	A1.4 Working with Formulae (3) Evaluating Directed Number Statements (1)	N4.3 Multiplying Fractions (3) REVIEW SP4.1 Intro to Probability (1)	SP2.6 Scatter Diagrams (3) REVIEW N2.5 Using Number System (1)	Revision for Assessment (4)	Revision for Assessment (4)
08-Nov	A1.2 Using Letters (4) REVIEW N2.3 Multiplying/Dividing by 10s (2) N4.1 Understanding Fractions (2)	SP1.1 Mode, Median & Range (3) REVIEW GM5.3 Translation (1)	N7.3 Divisibility Tests (3)	N4.6 Dividing Fractions (3)	Revision for Assessment (3) ASSESSMENT (1) [FRI]	Revision for Assessment (3) ASSESSMENT (1) [FRI]
15-Nov		SP2.4 Pie Charts (3) REVIEW N1.5 Add/Subtract Negatives (1)	GM4.2 Constructions with Protractors (3)	GM4.3 Constructions with Compass (3)	A1.8 Solving Equations with Brackets (3) REVIEW GM6.2 Understanding Nets (1)	A4.2 Linear Inequalities (3) REVIEW N5.4 Percentage Incr/Decr (1)
22-Nov	SP2.4 Pie Charts (3)	SP2.2 Stem & Leaf Diagrams (3)	Revision for Assessment (4)	Revision for Assessment (4)	GM3.4 Area of Circles (3)	N5.5 Percentage Change (3)
29-Nov	GM2.2 Line Symmetry (3)	GM2.4 Rotational Symmetry (2) REVIEW N1.6 Multiply/Divide Negatives (1)	Revision for Assessment (2) ASSESSMENT (1) [FRI]	Revision for Assessment (2) ASSESSMENT (1) [FRI]	N5.4 Percentage Incr/Decr (3)	N5.6 Reverse Percentages (3)
06-Dec	GM5.4 Reflection (3) N4.2 Equivalent Fractions (3) REVIEW N1.2 Multiplying Whole Numbers (1)	GM5.5 Rotation (4)	GM2.4 Rotational Symmetry (3) DIRT Assessment (1)	GM6.2 Understanding Nets (3) DIRT Assessment (1)	GM2.7 Angles and Parallel Lines (3) DIRT Assessment (1)	GM2.8 Angles in Polygons (3) DIRT Assessment (1)
13-Dec		GM6.1 Properties of 3D Shapes (3)	GM2.6 Types of Quad (3)	A3.2 Plot Linear Functions (3) Mr Kelly Quiz (1)	GM1.8 Bearings (3) Mr Kelly Quiz (1)	GM5.7 Similarity (3) Mr Kelly Quiz (1)
	CHRISTMAS HOLIDAY					

Forge Valley Maths Department Calendar 2022 - 23

	TERM 2					
W/Beginning	**Year 7 Foundation**	**Year 7 Higher**	**Year 8 Foundation**	**Year 8 Higher**	**Year 9 Foundation**	**Year 9 Higher**
03-Jan	Revision for Assessment (4)	Revision for Assessment (4)	GM6.1 Properties of 3D Shapes (3)	N1.8 Multiplying Decimals (3)	N6.3 Proportional Quantities (3)	GM5.8 Trigonometry (3)
10-Jan	Revision for Assessment (3) ASSESSMENT (1) [Thu XY, Fri Z]	Revision for Assessment (3) ASSESSMENT (1) [Thu XY, Fri Z]	REVIEW A1.3 Combining Variables (1) A1.4 Working with Formulae (3)	N1.9 Dividing Decimals (3) REVIEW A1.3 Combining Variables (1)	GM5.6 Enlargement (3) REVIEW N3.3 Rounding to Integers (1)	A2.5 Quadratic Sequences (3) REVIEW GM6.4 2D repr 3D Shapes (1)
17-Jan	SP2.3 Vertical Line Graphs (2) REVIEW N3.2 Rounding Large Numbers (2)	N4.3 Multiplying Fractions (3) AL Hidden Squares (1)	REVIEW GM1.5 Interpreting Scales (1) A3.1 Real Life Graphs (3)	GM1.8 Bearings (3) AL Linear Sequence Problems (1)	A2.4 Special Sequences (3) REVIEW N5.3 Converting FDP (1)	A3.4 Plot Quad/Cubic Graphs (3) REVIEW GM5.6 Enlargement (1)
24-Jan	N5.1 Understanding & Using Percentages (3) DIRT Assessment (1)	SP3.1 Collecting Data (2) REVIEW A1.3 Combining Variables (1) DIRT Assessment (1)	REVIEW A1.4 Working with Formulae (1) A3.2 Plotting Linear Functions (3)	GM3.3 Circumference (3) REVIEW A1.5 Solving Equations (1)	A3.3 Equation of Straight Lines (3) REVIEW GM6.3 Vol/SA of Cuboids (1)	GM6.5 Prisms (4)
31-Jan	REVIEW N3.3 Rounding to Integers (2) REVIEW N1.3 Add/Subtract Decimals (2)	SP1.2 Mean, Mode, Median & Range (3) REVIEW GM2.4 Pie Charts (1)	REVIEW GM2.3 Angle Facts (1) GM1.8 Bearings (3)	A1.7 Working with Complex Equations (3) AL Angles in Parallel Lines Problems (1)	REVIEW GM6.1 Properties of 3D Shapes (1) GM6.4 2D repr 3D Shapes (3)	GM1.10 Compound Units (3) REVIEW SP1.4/2.5 Grouped Data Tables (1)
07-Feb	GM2.3 Angle Facts (4)	SP1.3 Using Frequency Tables (4)	A1.5 Set Up and Solve Equations (4)	A1.8 Solving Equations with Brackets (3) AL Completing Quadrilaterals (1)	REVIEW N4.2 Equivalent Fractions (1) N4.4 Add/Subtract Fractions (3)	N6.4 Constant of Proportionality (3) REVIEW GM3.4 Area of Circles (1)
	Half Tem					
21-Feb	A2.2 Generating Sequences (4) REVIEW GM1.5 Interpreting Scales (2) REVIEW GM1.6 Metric System (2)	GM2.3 Angle Facts (3) REVIEW A1.4 Working with Formulae (1)	REVIEW N1.7 BIDMAS (again!) (1) A1.6 Using Brackets (3)	SP4.3 Combined Events (3) REVIEW A1.6 Using Brackets (1)	REVIEW GM1.6 Metric System (1) GM1.7 Metric/Imperial Conversions (3)	A4.3 Sim Eqns Substitution (3) REVIEW N2.6 Writing in Standard Form (1)
28-Feb		A2.2 Generating Sequences (3) REVIEW GM5.5 Rotation (1)	REVIEW SP4.1 Intro to Probability (1) SP4.2 Single Event Probability (3)	N6.1 Understanding Ratio Notation (3) REVIEW N4.4 Add/Subtract Fractions (1)	REVIEW A1.5 Solving Equations (1) A4.2 Linear Inequalities (3)	A4.4 Sim Eqns Elimination (4)
07-Mar	N5.2 Percentage of Amount (4) REVIEW GM5.2 Cartesian Coordinates (2) REVIEW GM5.3 Translation (2)	N5.3 Converting FDP (3) AL Make the Average (1)	REVIEW N4.2 Equivalent Fractions (1) N6.1 Understanding Ratio Notation (3)	N6.2 Sharing in a Ratio (3) AL Scatter Diagrams BEE AWARE (1)	REVIEW N3.4 Rounding Decimals (1) N3.5 Significance (3)	A4.5 Sim Eqns Graphs (3) REVEW N7.5 Prime Factorisation (1)
14-Mar		N7.3 Divisibility Tests (3) REVIEW GM6.1 Properties of 3D Shapes (1)	REVIEW N2.3 Multiply/Divide Powers of 10 (1) N2.5 Using the Number System (3)	GM1.7 Metric/Imperial Conversion (3) AL Constructions with Protractor (1)	REVIEW N6.1 Understanding Ratio Notation (1) N6.2 Sharing in a Ratio (3)	N3.6 Approximation (3) REVIEW A1.9 Simplifying Harder Expressions (1)
21-Mar	N1.4 Dividing Whole Numbers (4) REVIEW A1.2 Using Letters (2) REVIEW N4.2 Equivalent Fractions (1) Mr Kelly Quiz (1)	N2.5 Using the Number System (3) REVIEW Multiplying Fractions (1)	GM5.5 Rotation (4)	N6.3 Proportional Quantities (3) AL Plotting Linear Functions (1)	GM1.9 Scale Drawing (3) REVIEW GM2.5 Angles in Triangles/Quads (1)	N3.7 Limits of Accuracy (3) REVIEW GM3.5 Pythagoras (1)
28-Mar		N3.4 Rounding to Decimal Places (3) Mr Kelly Quiz (1)	N7.4 Index Notation (3) Mr Kelly Quiz (1)	GM1.9 Scale Drawing (3)	GM4.3 Constuctions with a Compass (3)	N6.5 Inverse Proportion (3)
	EASTER HOLIDAYS					

Forge Valley Maths Department Calendar 2022 - 23

TERM 3						
W/Beginning	**Year 7 Foundation**	**Year 7 Higher**	**Year 8 Foundation**	**Year 8 Higher**	**Year 9 Foundation**	**Year 9 Higher**
18-Apr	GM2.5 Angles in Triangles & Quads (3)	N3.5 Significance (3)	SP2.2 Stem and Leaf Diagrams (3)	N7.4 Index Notation (3)	A1.9 Simplifying Harder Expressions (3)	GM4.4 Loci (3)
25-Apr	GM3.1 Understanding Area (3) REVIEW N5.1 Understand Percentages (1)	GM2.5 Angles in Triangles & Quads (3) AL Round the Dice (1)	Revision for Assessment (4)	Revision for Assessment (4)	REVIEW SP4.2 Single Event Probability (1) SP4.3 Combining Events (3)	A1.10 Using Complex Formulae (3) REVIEW N5.5 Percentage Change (1)
02-May	REVIEW GM2.3 Angle Facts (3)	GM4.2 Constructions with Protractors (3)	Revision for Assessment (3)	Revision for Assessment (3)	REVIEW N4.3 Multiplying Fractions (1) REVIEW N4.4 Add/Subtract Fractions (2)	SP1.5 Interquartile Range (3)
09-May	REVIEW A2.2 Generating Sequences (2) REVIEW N5.2 Percentage of Amount (2)	GM3.2 Area and Perimeter (3) AL Low Stakes Quiz (1)	Revision for Assessment (3) ASSESSMENT (1) [FRI]	Revision for Assessment (3) ASSESSMENT (1) [FRI]	N4.5 Working with Mixed Numbers (3) REVIEW GM4.2 Construction with Protractor (1)	SP4.4 Estimating Probability (3) REVIEW N5.6 Reverse Percentages (1)
16-May	Revision for Assessment (4)	Revision for Assessment (4)	REVIEW A2.2 Generating Sequences (1) A2.3 Linear Sequences (3)	GM5.6 Enlargement (3) REVIEW N1.8/1.9 Multiply/Divide Decimals (1)	Revision for Assessment (4)	N7.6 Rules of Indices (3) AL Low Stakes Quiz (1)
23-May	Revision for Assessment (3) ASSESSMENT (1) [Thu XY, Fri Z]	Revision for Assessment (3) ASSESSMENT (1) [Thu XY, Fri Z]	GM3.2 Area and Perimeter (4)	A2.4 Special Sequences (3) DIRT Assessment (1)	Revision for Assessment (4)	Revision for Assessment (4)
	Half Term					
06-Jun	SP4.1 Intro to Probability (3) Assessment DIRT (1)	SP4.1 Intro to Probability (3) REVIEW N1.2 Multiplying Whole Numbers (1)	GM6.2 Understanding Nets (3) DIRT Assessment (1)	GM6.3 Volume/Surface Area of Cuboids (3) AL Bearings Treasure Hunt (1)	Revision for Assessment (3) ASSESSMENT (1) [FRI]	Revision for Assessment (3) ASSESSMENT (1) [FRI]
13-Jun	SP4.2 Single Event Probability (3) Assessment DIRT (1)	REVIEW N1.4 Dividing Whole Numbers (1) REVIEW N3.3 Rounding to Integers (1) REVIEW GM2.4 Pie Charts (2)	REVIEW A1.5 Solving Equations (1) A4.1 Trial and Improvement (3)	A4.1 Trial and Improvement (3) AL Compound Circle Challenge (1)	N4.6 Dividing Fractions (3) REVIEW N2.3 Multiply/Divide Powers of 10 (1)	N2.7 Calculating with Standard Form (3) REVIEW A4.2 Linear Inequalities (1)
20-Jun	N1.7 BIDMAS (3) AL Negative Crossnumber (1)	N1.7 BIDMAS (4)	REVIEW N3.3 Rounding to Integers (1) N3.4 Rounding Decimals (3)	N5.4 Percentage Increase/Decrease (3) REVIEW A1.7/1.8 Solving Equations (1)	REVIEW N7.4 Index Notation (1) N2.6 Writing in Standard Form (3)	A3.6 Quadratic Functions (3) DIRT Assessment (1)
27-Jun	Review Weak Topics (4)	Review Weak Topics (4)	REVIEW N5.1 Understanding Percentages (1) N5.3 Converting FDP (3)	GM6.4 2D repr. 3D Shapes (3) REVIEW A3.2 Plotting Linear Functions (1)	Review Weak Topics (4)	A5.1 Factorising Quadratics (3) REVIEW A4.4 Sim Eqns Elimination (1)
04-Jul	Review Weak Topics (4)	Review Weak Topics (4)	REVIEW GM3.2 Area and Perimeter (1) GM6.3 Volume/Surface Area of Cuboids (3)	A3.3 Equation of Straight Lines (3) REVIEW SP4.3 Combined Events (1)	Review Weak Topics (4)	Review Weak Topics (4)
11-Jul	Review Weak Topics (3) Mr Kelly Quiz (1)	Review Weak Topics (3) Mr Kelly Quiz (1)	Review Weak Topics (3) Mr Kelly Quiz (1)	Review Weak Topics (3) Mr Kelly Quiz (1)	Review Weak Topics (3) Mr Kelly Quiz (1)	Review Weak Topics (3) Mr Kelly Quiz (1)
18-Jul	ACTIVITY WEEK	ACTIVITY WEEK	ACTIVITY WEEK	ACTIVITY WEEK	ACTIVITY WEEK	ACTIVITY WEEK
	SUMMER HOLIDAYS BEGIN (25/7/2022)					

Forge Valley Maths Department Calendar 2022 - 23

W/Beginning	TERM 1			
	Year 10 - Foundation	Y10 - Higher	Year 11 - Foundation	Year 11 - Higher
06-Sep	N5.4 Applying Percentage Increases & Decreases	SP1.5 Inter-Quartile Range	SP2.5 Displaying Grouped Data	SP1.5 Inter-Quartile Range
13-Sep	N3.6 Approximating	GM6.6 Enlargement in 2D & 3D	Angle Facts & Percentages Reviews	Time Series & Averages Review
20-Sep	GM4.3 Constructions with Compasses	N5.7 Repeated Percentage Change	GM5.8 Trigonometry	GM5.11 Combining Transformations
27-Sep	GM1.9 Scale Drawing	GM2.9 Congruent Triangles & Proof	Averages & Graphs Review	A3.11 Trigonometric Functions
04-Oct	Assessment Revision	Assessment Revision	GM4.4 Loci	GM6.9 Area & Volume in Similar Shapes
11-Oct	Assessment & DIRT	Assessment & DIRT	N5.6 Reverse Percentages A2.4 Special Sequences	A6.1 Using Chords & Tangents
18-Oct	N7.6 Rules of Indices	A3.6 Quadratic Equations	Assessment Revision	Assessment Revision
	October Half-term			
01-Nov	GM1.10 Compound Units	A5.2 Solving Quadratics	Assessment & DIRT	Assessment & DIRT
08-Nov	A3.4 Plotting Quadratic & Cubic Graphs	GM2.10 Similar & Congruent Triangles	A5.1 & A5.2 Solving Quadratic Equations by Factorising	A1.14 Rearranging More Formulae
15-Nov	SP2.7 Using Lines of Best Fit	GM5.12 Enlargments with Negative Scale Factors	SP4.6 Probability - The Addition Rule	A4.7 Solving Equations Numerically
22-Nov	A3.5 FindingEquations of Straight Lines	A2.6 Geometric Progressions & SP2.7 Lines of Best Fit	GM7.1 Vectors	GM7.2 Proof with Vectors
29-Nov	GM6.6 Enlargement in 2D & 3D	A3.5 Finding Equations of Straight Lines	A4.5 Using Graphs to Solve Simultaneous Equations	N6.6 Equations to Solve Proportion Problems
06-Dec	GM6.5 Prisms & GM2.8 Angles in a Polygon	A3.7 Polynomial & Reciprocal Functions	N5.7 Repeated Percentage Increase & Decrease	A4.8 Proving General Results
13-Dec	A3.6 Quadratic Equations	A1.11 Identities	N6.4 The Constant of Proportionality	A5.6 Simultaneous Equations with Quadratics
	Christmas			

Forge Valley Maths Department Calendar 2022 - 23

	TERM 2			
W/Beginning	**Year 10 - Foundation**	**Y10 - Higher**	**Year 11 - Foundation**	**Year 11 - Higher**
03-Jan	GM6.7 Constructing Plans & Elevations	GM1.11 Working with Compound Units	N3.7 Limits of Accuracy	SP2.8 Histograms
10-Jan	GM1.11 Working with Compound Units	GM3.6 Arcs & Sectors	A1.11 Identities	A3.12 Circular Functions
17-Jan	SP4.4 Estimating Probability & SP4.5 Multiplication Rule	N7.7 Fractional Indices	GM2.9 & GM2.10 Congruent & Similar Triangles Proof	A6.3 Area Under Non-Linear Graphs
24-Jan	GM6.8 Surface Area & Volume of 3D Shapes	GM6.8 Surface Area & Volume of 3D Shapes	N6.5 Working with Inversely Proportional Quantities	A3.9 Inverse & Composite Functions
31-Jan	GM5.10 Finding Centres of Rotation	SP4.5 & 4.6 Probability - Multiplication & Addition Rules	Area/Surface Area/Volume Review	GM5.13 Trig in 2D & 3D
07-Feb	N2.7 Calculating with Standard Form	A1.12 Using Indices in Algebra	Assessment Revision	Assessment Revision
	February Half-term			
21-Feb	N7.5 Prime Factorisation	N5.8 Growth & Decay	ASSESSMENT	ASSESSMENT
28-Feb	A1.9 Simplifying Harder Expressions	N3.8 Upper & Lower Bounds	Ratio & Proportion Review	SP4.7 Translations & Reflections of Functions
07-Mar	A1.10 Using Complex Formulae	N7.8 Surds	Topic Specific Revision	A5.7 Solving Quadratic Inequalities
14-Mar	A2.5 Quadratic Sequences	A3.10 Exponential Functions	Topic Specific Revision	Topic Specific Revision
21-Mar	N5.5 Finding Percentage Changes	GM7.1 Vectors	Topic Specific Revision	Topic Specific Revision
28-Mar	A2.6 Geometric Sequences	N2.8 Recurring Decimals & A2.7 Other Sequences	Topic Specific Revision	Topic Specific Revision
	Easter			

Forge Valley Maths Department Calendar 2022 - 23

	TERM 3			
W/Beginning	**Year 10 - Foundation**	**Y10 - Higher**	**Year 11 - Foundation**	**Year 11 - Higher**
18-Apr	ASSESSMENT REVISION	ASSESSMENT REVISION	Topic Specific Revision	Topic Specific Revision
25-Apr	ASSESSMENT & DIRT	ASSESSMENT & DIRT	Topic Specific Revision	Topic Specific Revision
02-May	A3.7 Polynomial & Reciprocal Functions	A2.8 nth Term of Quadratic Sequences	Topic Specific Revision	Topic Specific Revision
09-May	GM5.7 Similarity	GM2.11 Circle Theorems	Topic Specific Revision	Topic Specific Revision
16-May	GM2.9 Congruent Triangles	A4.6 Solving Linear Inequalities in Two Variables	Topic Specific Revision	Topic Specific Revision
23-May	A4.3 Solving Simultaneous Equations - substitution	A3.8 Perpendicular Lines	Topic Specific Revision	Topic Specific Revision
	Spring Bank Half-term			
06-Jun	A4.4 Solving Simultaneous Equations - eliminiation	A5.3 Factorising Harder Quadratics		
13-Jun	Bearings & Circles Reviews	A5.4 Completing the Square		
20-Jun	Fractions & Algebra Review	A5.5 The Quadratic Formula		
27-Jun	A5.1 Factorising Quadratics	GM3.7 The Cosine Rule		
04-Jul	A5.2 Solving Quadratics by Factorisation	GM3.6 The Sine Rule		
11-Jul	Exam Technique Practice	Exam Technique Practice		
18-Jul	ACTIVITY WEEK	ACTIVITY WEEK		

Forge Valley Maths Department Calendar 2022 - 23

W/Beginning	Term 1				
	Y12 Maths	**Year 12 Further Maths**	**Y12 Core Maths**	**Year 13 Maths**	**Year 13 Further Maths**
05-Sep	Bridging the gap Work	CP1 Complex Numbers CP6 Matrices	GCSE Topics recap	C8 Parametric Equations C7 Trigonometry and Modelling	CP5 Polar Coordinates CP2 Series
12-Sep	C5 Straight Line Graphs C2 Quadratics	CP1 Complex Numbers CP6 Matrices	GCSE Topics recap & assessment	C8 Parametric Equations C7 Trigonometry and Modelling	CP5 Polar Coordinates CP2 Series
19-Sep	C5 Straight Line Graphs C2 Quadratics	CP1 Complex Numbers CP6 Matrices	Moving averages Representing data	C9 Differentiation C7 Trigonometry and Modelling	CP5 Polar Coordinates CP2 Series
26-Sep	C4 Graphs and Transformations C3 Equations and Inequalities	CP2 Argand Diagrams CP3 Series	Moving averages Representing data	C9 Differentiation C7 Trigonometry and Modelling	CP1 Complex Numbers CP6 Hyperbolics
03-Oct	C4 Graphs and Transformations C7 Algebraic methods	CP2 Argand Diagrams CP3 Series	Straight line graphs Representing data Extracting data from sources	C11 Integration C7 Trigonometry and Modelling	CP1 Complex Numbers CP6 Hyperbolics
10-Oct	C6 Circles C7 Algebraic Methods	CP8 Proof by induction CP7 Linear transformations	Straight line graphs Extracting data from sources Sampling	C11 Integration C10 Numerical Methods	CP1 Complex Numbers CP6 Hyperbolics
17-Oct	C6 Circles C7 Algebraic Methods	CP8 Proof by induction CP7 Linear transformations	Linear programming Samlping	C11 Integration C10 Numerical Methods	CP3 Methods in Calculus Mini assessment
	October Half-Term				
31-Oct	C6 Circles C9 Trigonometric Ratios	CP9 Vectors CP7 Linear transformations	Linear programming Representing data	C4 Binomial Expansion C2 Functions and Graphs	CP3 Methods in Calculus CP7 Methods in differential equations
07-Nov	C8 Binomial Expansion C10 Trig Identities and Equations	CP9 Vectors CP4 Roots of polynomials	Linear programming Representing data	C12 Vectors C2 Functions and Graphs	CP4 Volumes of revolution CP7 Methods in differential equations
14-Nov	C8 Binomial Expansion C10 Trig Identities and Equations	CP9 Vectors CP4 Roots of polynomials	Mini assessment Representing data	C12 Vectors C2 Functions and Graphs	CP4 Volumes of revolution CP7 Methods in differential equations
21-Nov	C14 Exponentials and Logarithms C12 Differentiation	CP9 Vectors D1 Algorithms	Correlation Mini assessment	C1 Proof by contradiction C2 Functions and Graphs	FM1 Momentum as a vector CP8 Modelling with differential equations
28-Nov	C14 Exponentials and Logarithms C12 Differentiation	FM1 Momentum and impulse D1 Algorithms	Correlation Revision	Revision C3 Sequences and series	FM5 Elastic collisions in 2D CP8 Modelling with differential equations
05-Dec	C14 Exponentials and Logarithms C12 Differentiation	FM2 Work, Energy and Power D1 Algorithms	Correlation Revision	M4 Monents C3 Sequences and series	FM5 Elastic collisions in 2D Decision review
12-Dec	C14 Exponentials and Logarithms Assessment Revision	Revision	Revision	M4 Monents C3 Sequences and series	Revision
	Christmas				

Forge Valley Maths Department Calendar 2022 - 23

	TERM 2				
W/Beginning	**Year 12 Maths**	**Y12 Further Maths**	**Y12 Core Maths**	**Year 13 Maths**	**Year 13 Further Maths**
02-Jan	Assessments	Assessment	Assessment	M5 Forces and Friction S1 Regression, correlation and hypothesis tests	Revision - Further Mecahnics and Decision
09-Jan	S1 Data Collection C13 Integration	FM2 Work, energy and power D2 Graphs and networks	Assessment review Probability	M6 Projectiles S1 Regression, correlation and hypothesis tests	Revision - Core Pure
16-Jan	S2 Measures of location and spread C13 Integration	FM2 Work, energy and power D2 Graphs and networks	Simultaneous equations Risk	M6 Projectiles S2 Conditional probability	Revision - Core Pure
23-Jan	S2 Measures of location and spread C11 Vectors	FM2 Work, energy and power D3 Algorithms on graphs	Simultaneous equations Risk	M7 Application of forces S3 The normal distribution	Revision - Core Pure
30-Jan	S3 Representations of data C11 Vectors	CP5 Volumes of revolution D3 Algorithms on graphs	Spearman's rank Exponential sequences	Revision	Revision - Core Pure
06-Feb	S3 Representations of data M8 Modelling in mechanics	CP5 Volumes of revolution D4 Route inspection	Spearman's rank Exponential sequences	Assessment	Assessment
	February Half-term				
20-Feb	S4 Correlation M9 Constant Acceleration	FM4 Elastic collisions in one dimension D6 Linear Programming	Spearman's rank Sequences	M7 Application of forces S3 The normal distribution	Revision
27-Feb	S5 Probability M10 Forces and motion	FM4 Elastic collisions in one dimension D6 Linear Programming	Probability Sequences	M8 Further kinematics S3 The normal distribution	Revision
06-Mar	S6 Statistical distributions M10 Forces and motion	FM4 Elastic collisions in one dimension D6 Linear Programming	Probability Sequences	M8 Further kinematics S3 The normal distribution	Revision
13-Mar	S6 Statistial distributions M11 Variable acceleration	Revision D8 Critical path analysis	Revision Sequences	Revision	Revision
20-Mar	S7 Hypothesis testing Revision	Revision D8 Critical path analysis	Revision	Revision	Revision
27-Mar	S7 Hypothesis testing Revision	Revision D8 Critical path analysis	Assessment	Assessment	Assessment
	Easter				

Forge Valley Maths Department Calendar 2022 - 23

TERM 3					
W/Beginning	Year 12 Maths	Y12 Further Maths	Y12 Core Maths	Year 13 Maths	Year 13 Further Maths
17-Apr	Assessments	Revision & Assessment	Assessment DIRT	Revision	Revision
24-Apr	C5 Radians C1 Algebraic Methods	CP1 Complex Numbers D8 Critical path analysis	Revision	Revision	Revision
01-May	C5 Radians C7 Trigonometry	CP1 Complex Numbers D2 Planarity algorithm	Revision	Revision	Revision
08-May	C6 Trigonometric functions C9 Differentiation	FM3 Elastic strings and springs D5 Travelling salesman problem	Revision	Revision	Revision
15-May	C6 Trigonometric functions C9 Differentiation	FM3 Elastic strings and springs D5 Travelling salesman problem	Revision	Revision	Revision
22-May	C6 Trigonometric functions C9 Differentiation	FM3 Elastic strings and springs D5 Travelling salesman problem	Revision	Revision	Revision
	Spring Bank Half-term				
05-Jun	C1 Proof by contradiction C11 Integration	Revision D7 Simplex algorithm	Exams	Exams	Exams
12-Jun	Revision C11 Integration	Revision	Exams	Exams	Exams
19-Jun	Revision	Revision			
26-Jun	Assessments	Assessments			
03-Jul	C2 Functions C11 Integration	Revision D7 Simplex Algorithm			
10-Jul	C2 Functions C11 Integration	Revision D7 Simplex Algorithm			
17-Jul	Activity Week	Activity Week			
	Summer				