

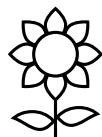


TERM	FOUNDATION	CROSSOVER	HIGHER
<p>AUTUMN YEAR 10</p> 	<p><b>1. Number</b>  Calculations  Decimal Numbers  Place Value  Factors and Multiples  Squares, Cubes and Roots  Index Notation  Prime Factors  Unit Tests x 2 (Formative)</p>	<p><b>1F. Number</b>  Calculations  Decimal Numbers  Place Value  Factors and Multiples  Squares, Cubes and Roots  Index Notation  Prime Factors  Unit Tests x 2 (Formative)</p>	<p><b>1. Number</b>  Number Problems and Reasoning  Place Value and Estimating  HCF and LCM  Calculating with Powers (Indices)  Zero, Negative and Fractional Indices  Powers of 10 (Standard Form)  Surds  Unit Tests x 2 (Formative)</p>

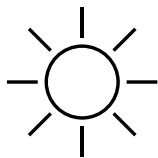
<p>AUTUMN YEAR 10</p> 	<p><b>2. Algebra</b> Algebraic Expressions Simplifying Expressions Substitution Formulae Expanding Brackets Factorising Using Expressions and Formulae Unit Tests x 2 (Formative)</p>	<p><b>2F. Algebra</b> Simplifying Expressions Substitution and Formulae Expanding Brackets and Factorising Using Expressions and Formulae Unit Test (Formative)</p>	<p><b>2. Algebra</b> Algebraic Indices Expanding and Factorising Equations Formulae Linear Sequences Non-Linear Sequences More Expanding and Factorising Unit Tests x 2 (Formative)</p>
	<p><b>3. Graphs, Tables and Charts</b> Frequency Tables Two-Way Tables Representing Data Time Series Stem and Leaf Diagrams Pie Charts Scatter Diagrams Unit Tests x 2 (Formative)</p>	<p><b>3F. Graphs, Tables and Charts</b> Frequency Tables and Two-Way Tables Time Series and Stem and Leaf Diagrams Pie Charts and Scatter Diagrams Unit Test (Formative)</p>	<p><b>3. Interpreting and Representing Data</b> Statistical Diagrams 1 Time Series Scatter Graphs Line of Best Fit Averages and Range Statistical Diagrams 2 Unit Test x 2 (Formative)</p>
	<p><b>4. Fractions and Percentages</b> Working with Fractions Multiplying and Dividing Fractions Fractions, Decimals and Percentages Calculating Percentages Unit Test x2 (Formative)</p>	<p><b>4F. Fractions and Percentages</b> Calculating with Fractions Fractions, Decimals and Percentages Calculating Percentages Unit Test (Formative)</p>	<p><b>4. Fractions, Ratio and Proportion</b> Fractions Ratios Ratio and Proportion Percentages Fractions, Decimals and Percentages Unit Test x2 (Formative)</p>
	<p><b>5. Equations, Inequalities and Sequences</b> Solving Equations Inequalities Using Formulae Generating Sequences Using the nth Term Unit Tests x 2 (Formative)</p>	<p><b>5F. Equations, Inequalities and Sequences</b> Solving Equations and Inequalities Using Formulae Generating Sequences and Using the nth Term Unit Test (Formative)</p>	<p><b>5. Angles and Trigonometry</b> Angles in Triangles and Quadrilaterals Interior and Exterior Angles Pythagoras' Theorem Basic Trigonometry Unit Tests x 2 (Formative)</p>
	<p><b>TERM TEST (SUMMATIVE)</b></p>	<p><b>6F. Angles</b> Angles in Parallel Lines and Triangles Exterior and Interior Angles Geometric problems Unit Test (Formative)</p>	<p><b>TERM TEST (SUMMATIVE)</b></p>
		<p><b>7F. Averages and Range</b> Mode, Median, Mean and Range Estimating the Mean Sampling Unit Test x2 (Formative)</p>	
		<p><b>TERM TEST (SUMMATIVE)</b></p>	

SPRING  
YEAR 10




<p><b>6. Angles</b> Properties of Shapes Angles in Parallel Lines Angles in Triangles Exterior and Interior Angles Geometric problems Unit Test x2 (Formative)</p>	<p><b>8F. Perimeter, Area and Volume 1</b> Area of 2D Shapes and Units of Measure Area of Compound Shapes Surface Area and Volume of 3D Shapes Unit Test (Formative)</p>	<p><b>6. Graphs</b> Linear Graphs Rates of change Real-Life Graphs Line Segments Quadratic, Cubic and Reciprocal Graphs Unit Test (Formative)</p>		
	<p><b>9F. Graphs</b> Coordinates and Linear Graphs Real-Life Graphs Unit Test (Formative)</p>		<p><b>7. Area and Volume</b> Perimeter and Area Units and Accuracy Circles and Sectors Prisms, Cylinders and Spheres Pyramids and Cones Unit Test (Formative)</p>	
	<p><b>7. Averages and Range</b> Mean and Range Mode and Median Estimating the Mean Sampling Unit Test x2 (Formative)</p>		<p><b>10F. Transformations</b> Translation, Reflection, Rotation, Enlargement Combining Transformations Unit Test (Formative)</p>	<p><b>8. Transformations and Constructions</b> Reflection and Rotation Enlargement Combined Transformations Bearings and Scale Drawing Constructions and Loci Unit Test (Formative)</p>
	<p><b>8. Perimeter, Area and Volume 1</b> Rectangles, Parallelograms and Triangles Trapezia Changing Units Area of Compound Shapes Surface Area of 3D Shapes Volume of 3D Shapes Unit Test x2 (Formative)</p>		<p><b>11F. Ratio and Proportion</b> Writing and Using Ratios Proportion and Graphs Unit Test (Formative)</p>	<p><b>9. Equations and Inequalities</b> Solving Quadratic Equations Completing the Square Solving Simultaneous Equations Solving Quadratic Simultaneous Equations Solving Inequalities Unit Test (Formative)</p>
	<p><b>9. Graphs</b> Coordinates Linear Graphs (<math>y=mx+c</math>) Real-Life Graphs Distance-Time Graphs Unit Test x2 (Formative)</p>		<p><b>12F. Right-Angles Triangles</b> Pythagoras Theorem and Trigonometry Unit Test (Formative)</p>	<p><b>TERM TEST (SUMMATIVE)</b></p>
	<p><b>TERM TEST (SUMMATIVE)</b></p>		<p><b>13F. Probability</b> Calculating Probabilities and Experiments Tree and Venn Diagrams Unit Test (Formative)</p>	
	<p><b>TERM TEST (SUMMATIVE)</b></p>		<p><b>14F. Multiplicative Reasoning</b> Percentages, Growth and Decay Compound Measures Direct and Inverse Proportion Unit Test (Formative)</p>	
	<p><b>TERM TEST (SUMMATIVE)</b></p>		<p><b>TERM TEST (SUMMATIVE)</b></p>	

SUMMER  
YEAR 10



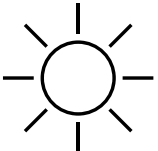
<p><b>10. Transformations</b> Translation Reflection Rotation Enlargement Combining Transformations Unit Test (Formative)</p>	<p><b>15F. Construction, Loci and Bearings</b> Plans and Elevations and 3D shapes Accurate Drawings Scale Drawings, Bearings and Maps Construction and Loci Unit Test (Formative)</p>	<p><b>10. Probability</b> Calculating Probabilities Experimental Probability Tree Diagrams Conditional Probability Venn Diagrams and Set Notation Unit Test (Formative)</p>	
	<p><b>YEAR TEST (SUMMATIVE)</b></p>	<p><b>YEAR TEST (SUMMATIVE)</b></p>	
	<p><b>11. Ratio and Proportion</b> Writing Ratios Using Ratios Ratio and Measure Using Proportion Proportion and Graphs Unit Test (Formative)</p>	<p><b>1H. Number</b> Number Problems and Reasoning Zero, Negative and Fractional Indices Powers of 10 (Standard Form) Surds Unit Tests (Formative)</p>	<p><b>11. Multiplicative Reasoning</b> Growth and Decay Compound Measures Ratio and Proportion Unit Test (Formative)</p>
	<p><b>12. Right-Angles Triangles</b> Pythagoras Theorem Trigonometry Unit Test (Formative)</p>	<p><b>2H. Algebra</b> Algebraic Indices Expanding and Factorising Equations Formulae Linear Sequences Non-Linear Sequences More Expanding and Factorising Unit Test (Formative)</p>	<p><b>12. Similarity and Congruence</b> Congruence Geometric Proof Congruence and Similarity Similarity in 3D Unit Test (Formative)</p>

<p>AUTUMN YEAR 11</p> 	<p><b>13. Probability</b> Calculating Probabilities Experimental Probability Venn Diagrams Tree Diagrams Unit Test (Formative)</p>	<p><b>3H. Interpreting and Representing Data</b> Statistical Diagrams and Time Series Scatter Graphs and Line of Best Fit Averages and Range Unit Test (Formative)</p>	<p><b>13. More Trigonometry</b> Accuracy Trigonometric Graphs Sine Rule and Area of Triangles Cosine Rule 3D Trigonometry Unit Test (Formative)</p>
	<p><b>14. Multiplicative Reasoning</b> Percentages Growth and Decay Compound Measures Speed, Distance and Time Direct and Inverse Proportion Unit Test (Formative)</p>	<p><b>4H. Fractions, Ratio and Proportion</b> Fractions, Ratios and Proportion Fractions, Decimals and Percentages Unit Test (Formative)</p>	<p><b>14. Further Statistics</b> Sampling Cumulative Frequency Box-Plots Histograms Unit Test (Formative)</p>
	<p><b>15. Constructions, Loci and Bearings</b> 3D Solids Plans and Elevations Accurate Drawings Constructions Loci and Regions Bearings Unit Test (Formative)</p>	<p><b>6H. Graphs</b> Linear Graphs and Line Segments Quadratic, Cubic and Reciprocal Graphs Unit Test (Formative)</p>	<p><b>15. Equations and graphs</b> Solving Simultaneous Equations Graphically Representing Inequalities Graphically Solving Quadratics Graphically Graphs of Quadratic and Cubic Functions Unit Test (Formative)</p>
	<p><b>16. Quadratic Equations and Graphs</b> Expanding Double brackets Plotting Quadratic Graphs Using Quadratic Graphs Factorising Quadratic Expressions Solving Quadratic Equations Unit Test (Formative)</p>	<p><b>7H. Area and Volume</b> Units and Accuracy, Circles and Sectors Prisms, Cylinders, Spheres, Pyramid, Cones Unit Test (Formative)</p>	<p><b>16. Circle Theorems</b> Radii and Chords Tangents Angles in Circles Applying Circle Theorems Unit Test (Formative)</p>
	<p><b>TERM TEST (SUMMATIVE)</b></p>	<p><b>8H. Transformations and Constructions</b> Reflection, Rotation and Enlargement Constructions and Loci Unit Test (Formative)</p>	<p><b>TERM TEST (SUMMATIVE)</b></p>
		<p><b>9H. Equations and Inequalities</b> Solving Quadratic Equations Solving Simultaneous Equations Solving Inequalities Unit Test (Formative)</p>	
		<p><b>TERM TEST (SUMMATIVE)</b></p>	

SPRING  
YEAR 11



<p><b>17. Perimeter, Area and Volume 2</b> Circumference of a Circle Area of a Circle Semi-Circles and Sectors Composite 2D Shapes and 3D Shapes Cylinders, Spheres, Pyramids and Cones Unit Test (Formative)</p>	<p><b>10H. Probability</b> Tree Diagrams Conditional Probability Venn Diagrams and Set Notation</p>	<p><b>17. More Algebra</b> Rearranging Formulae Algebraic Fractions Surds Solving Algebraic Fractions Functions Unit Test (Formative)</p>	
	<p><b>11H. Multiplicative Reasoning</b> Growth and Decay Compound Measures Ratio and Proportion</p>		
	<p><b>MOCK EXAM (SUMMATIVE)</b></p>	<p><b>MOCK EXAM (SUMMATIVE)</b></p>	<p><b>MOCK EXAM (SUMMATIVE)</b></p>
	<p><b>18. Fractions, Indices and Standard Form</b> Multiplying and Dividing Fractions The Laws of Indices Writing and Calculating in Standard Form Unit Test (Formative)</p>	<p><b>12H. Similarity and Congruence</b> Geometric Proof Similarity in 3D</p>	<p><b>18. Vectors and Geometric Proof</b> Vectors and Vector Notation Vector Arithmetic Parallel Vectors and Colinear Points Solving Geometric Problems Unit Test (Formative)</p> <p><b>19. Proportion and Graphs</b> Direct Proportion Inverse Proportion Exponential Functions Transformations of Functions Unit Test (Formative)</p>
	<p><b>19. Congruence, Similarity and Vectors</b> Similarity and Enlargement Congruence Vectors Unit Test (Formative)</p>	<p><b>13H. More Trigonometry</b> Accuracy Trigonometric Graphs Sine Rule, Cosine Rule and Area of Triangles 3D Trigonometry</p>	
	<p><b>20. More Algebra</b> Graphs of Cubic and Reciprocals Solving Simultaneous Equations Rearranging Formulae Proof Unit Test (Formative)</p>	<p><b>14H. Further Statistics</b> Sampling and Histograms Cumulative Frequency and Box-Plots</p>	
		<p><b>15H. Equations and graphs</b> Representing Inequalities Graphically Solving Quadratics Graphically</p>	
		<p><b>16H. Circle Theorems</b> Radii, Chords and Tangents Applying Circle Theorems</p>	
		<p><b>17H. More Algebra</b> Rearranging Formulae and Functions Algebraic Fractions and Surds</p>	
		<p><b>18H. Vectors and Geometric Proof</b> Vectors and Vector Notation Vector Arithmetic</p>	

<p>SUMMER YEAR 11</p> 	<p><b>REVISION OF ALL UNITS</b></p> <p><b>PAST PAPER PRACTICE</b></p> <p><b>GCSE EXAMS</b></p>	<p><b>19H. Proportion and Graphs</b>  Direct and Inverse Proportion  Exponential Functions  Transformations of Functions</p>	<p><b>REVISION OF ALL UNITS</b></p> <p><b>PAST PAPER PRACTICE</b></p> <p><b>GCSE EXAMS</b></p>
		<p><b>REVISION OF ALL UNITS</b></p> <p><b>PAST PAPER PRACTICE</b></p> <p><b>GCSE EXAMS</b></p>	