

Subject	Term 1	Term 2	Term 3
English	<p><u>A Christmas Carol, Charles Dickens</u></p> <ul style="list-style-type: none"> Identifying key conventions of a C19th text. Understanding plot, key themes and characterisation <p><u>The Female Voice</u></p> <ul style="list-style-type: none"> Learning and developing skills required for GCSE Lang Paper 2 Question 6: Evaluate Question 7a: summary Question 7b: comparing ideas and perspectives 	<p><u>Hamlet/Romeo and Juliet: (English Literature)</u></p> <ul style="list-style-type: none"> Identifying and understanding key conventions of a tragedy Understanding plot, key themes and characterisation Drawing connections to other Shakespearean tragedies Language and structural Analysis Show critical appreciation of texts and their effects, exploring alternative interpretations. Explaining form. Explaining how social, historical and political context impacts the plot and meaning of the play 	<p><u>Protest Poetry</u></p> <ul style="list-style-type: none"> Show critical appreciation of texts and their effects, exploring alternative interpretations. <p><u>The Empress, Tanika Gupta</u></p> <ul style="list-style-type: none"> Understanding the key conventions of a play. Analysing how writers convey their opinion/ viewpoint. Explaining form. Explaining how social, historical and political context impacts the plot and meaning of the play
Maths	<p><u>Foundation</u></p> <p>Unit 1 Number: Factors, Multiples, Decimals and Place Value</p> <p>Unit 2 Algebra: Forming Expressions, Brackets, Factorising and Formulae</p> <p>Unit 3 Graphs, Tables and Charts: Two-way Tables, Pie Charts and Scatter</p>	<p><u>Foundation</u></p> <p>Unit 4 Fractions and Percentages: Calculating with Fractions, Fraction-Decimal-Percentage Conversions, Calculating with Percentages</p> <p>Unit 5 Equations, Inequalities and Sequences: Solving Equations, Drawing and Solving Inequalities, Using Formulae, Linear</p>	<p><u>Foundation</u></p> <p>Unit 7 Average and Range: Mean, Median and Mode, Range, Average from Frequency Tables, Sampling</p> <p>Unit 8 Perimeter, Area and Volume: 2D Shapes, Changing Units, Compound Shapes, Surface Area, Volume</p> <p><u>Higher</u></p>

	<p>Diagrams</p> <p>Higher</p> <p>Unit 1 Number: Prime Factors, Indices, Standard Form, Surds</p> <p>Unit 2 Algebra: Expressions, Formulae, Sequences, Quadratics</p> <p>Unit 3 Interpreting and Representing Data: Charts, Scatter Graphs, Frequency Tables, Averages</p>	<p>Sequences</p> <p>Unit 6 Angles: Angles in Shapes, Interior and Exterior Angles, Angles Between Parallel Lines, Geometrical Problem-solving</p> <p>Higher</p> <p>Unit 4 Fractions, Ratio and Percentages: Calculating with Fractions, Ratio, Calculating with Percentages, Fraction-Decimal-Percentage Equivalence</p> <p>Unit 5 Angles and Trigonometry: Angles in Shapes, Interior and Exterior Angles, Pythagoras Theorem, Trigonometry</p> <p>Unit 6 Graphs: Linear Graphs, Real-life Graphs, Quadratic Graphs, Cubic and Reciprocal Graphs</p>	<p>Unit 7 Area and Volume: Perimeter, Area, Prisms, Circles, Cylinders, Spheres, Pyramids, Cones</p> <p>Unit 8 Transformations and Constructions: 3D Solids, Reflections, Rotations, Translations, Enlargement, Bearings, Scale Drawings, Constructions, Loci</p>
Science	<p>Cell Biology</p> <ul style="list-style-type: none"> ● Prokaryotic and Eukaryotic Cells ● Microscopes ● Cells, tissues and organs ● Cell Division ● Stem Cells ● Cloning ● Diffusion 	<p>Energy</p> <ul style="list-style-type: none"> ● Potential energy ● Kinetic energy ● Work done ● Specific Heat Capacity ● Energy efficiency ● Energy resources 	<p>Structure and Bonding</p> <ul style="list-style-type: none"> ● Ionic bonding ● Ionic Compounds ● Covalent bonding ● Metallic bonding ● Simple covalent molecules ● Giant covalent molecules ● States of matter

	<ul style="list-style-type: none"> ● Osmosis ● Active Transport <p>Atomic Structure</p> <ul style="list-style-type: none"> ● Elements and Compounds ● Mixtures ● Modelling the atom ● Subatomic particles ● The Periodic Table ● Metals and Non Metals ● Groups 1, 7 and 0 	<p>Photosynthesis</p> <ul style="list-style-type: none"> ● Factors affecting the rate of photosynthesis ● How do we increase the rate of photosynthesis ● Structure of a leaf ● Stomata ● Transpiration ● Translocation 	<ul style="list-style-type: none"> ● Polymers ● Graphene and fullerenes <p>Electricity</p> <ul style="list-style-type: none"> ● Current ● Potential difference ● Resistance ● Charge ● Series and Parallel circuits ● LDRs and thermistors ● The National Grid ● Power and energy
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