

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<b>The Gothic</b> Text: Frankenstein – Mary Shelley  1: Understanding Context 5: Crafting language 6: SPaG	<b>The Gothic</b> Text: Frankenstein – Mary Shelley  1: Understanding Context 5: Crafting language 6: SPaG	<b>War: What is it good for?</b> Texts: Tennyson/Hardy/Owen/Sassoon/Brooke etc. Extracts from war novels 2: Using evidence 3: Analysis 4: Structure & coherence 6: SPaG	<b>War: What is it good for?</b> Texts: Tennyson/Hardy/Owen/Sassoon/Brooke etc. Extracts from war novels 2: Using evidence 3: Analysis 4: Structure & coherence 6: SPaG	<b>Dystopia and Freedom</b> Texts: 1984, Brave New World, Fahrenheit 451, dystopian short stories  All Key Concepts assessed	<b>Dystopia and Freedom</b> Texts: 1984, Brave New World, Fahrenheit 451, dystopian short stories  All Key Concepts assessed
Maths	<b>Reasoning with Proportion:</b> Proportion and Graphs, Algebraic Expressions	<b>Constructing in 2 and 3 Dimensions:</b> 2D Geometry,	<b>Reasoning with Algebra:</b> Algebraic Equations	<b>Constructing in 2 and 3 Dimensions:</b> 3D Geometry	<b>Reasoning with Algebra:</b> Algebraic Inequalities	<b>Statistics and Graphs</b>
Science Bi	<b>Health Issues:</b> Introduction to Health & Disease, Cardiovascular Disease, Risk Factors for Health & Disease, Cancer,	<b>Health Issues:</b> Communicable Disease, Viral Disease, Bacterial Diseases , Fighting Disease, Vaccination, Using Drugs to Treat Disease, Evidence & Errors	<b>The nervous system &amp; homeostasis:</b> The nervous system & homeostasis, Reflex arc, Synapses, Thermoregulation experiment, Thermoregulation	<b>The nervous system &amp; homeostasis:</b> Blood glucose regulation, Diabetes, Menstrual cycle, 1.Evidence 2.Errors	<b>Photosynthesis and nutrient cycles:</b> Plant structure, Photosynthesis, Limiting factors, Uses of glucose, Greenhouses	<b>Photosynthesis and nutrient cycles:</b> Carbon cycle, Nitrogen cycle. Role of mineral nutrients in plant growth, Transpiration web-quest, Transpiration review/revision, Hypothesising & Concluding
Science Ch	<b>Reactivity of Metals:</b> Properties of metals Metals in oxygen, Metals in water, Metals in acid , Displacement reactions,	<b>Reactivity of Metals:</b> Exothermic and endothermic reactions, Reversible Reactions, Rates of reaction, Ionic bonding, Evidence and errors	<b>Environmental Chemistry:</b> The Structure of the Earth Tectonic Plates, Changes to the Earth's atmosphere, Global Warming, Working Scientifically Global warming, The Carbon Cycle	<b>Environmental Chemistry:</b> Combustion, Alternative Fuels, Ethanol, Air, Hypothesise & Anomalies	<b>Chemical calculations:</b> Isotopes, Relative formula mass, Converting units, Concentration, Significant figures	<b>Chemical calculations:</b> Standard form, Conservation of mass, The chemical mole, Concentration 2, Chemical calculations, Hypothesising & Concluding
Science Ph	<b>Electricity:</b> Drawing circuits, Electrical current, Voltage, Resistance, Resistance of a wire investigation, Series circuits, Parallel circuits	<b>Electricity:</b> LDR investigation, Voltage current graphs for a resistor, Voltage current graphs for a lamp, Evidence and errors	<b>Forces, motion, pressure and moments:</b> Resultant forces, Falling objects, Resultant force and acceleration, Velocity –time graphs, Relative motion, Hooke's law	<b>Forces, motion, pressure and moments:</b> Pressure in solids, Hydraulics (Pressure in liquids), Levers and moments, The principle of moments, Hypothesise and anomalies	<b>Magnets and electromagnets:</b> What is a magnet?, The magnetic field, The Earth's magnetic field, Making an electromagnet, Strength of an electromagnet - Practical	<b>Magnets and electromagnets:</b> The uses of electromagnets, The motor effect, Fleming's Left Hand Rule, Electric motors, Making an electric motor - Practical, Hypothesising and concluding
History	<b>challenges for Britain, Europe and the wider world 1901 to the present day</b> - Titanic – How and Why did it happen?	<b>challenges for Britain, Europe and the wider world 1901 to the present day</b> - What caused WW1 and how did the conflict affect soldiers?	<b>challenges for Britain, Europe and the wider world 1901 to the present day</b> - What caused WW2 and what were the major events?	<b>challenges for Britain, Europe and the wider world 1901 to the present day</b> - The Holocaust	<b>Post War</b> - Independence, Technological Changes - challenges for Britain, Europe and the wider world 1901 to the present day	<b>study of a significant society or issue in world history and its interconnections with other world developments</b> - USA in the 20th Century – Social and Political history
Geography	<b>What unique features does the sea create? What threats does it present? What is our coastline like?</b> Coasts	<b>How are places in the world connected? What is our role in globalisation? Is globalisation a positive thing for the world?</b> Globalisation	<b>What impact do powerful countries / regions have on the world? What is life like there?</b> Urbanisation	<b>What impact do powerful countries / regions have on the world? What is life like there?</b> Urbanisation	<b>Why does most of the world's population live in cities? How have they grown? What challenges and opportunities face our cities?</b>	<b>Why does most of the world's population live in cities? How have they grown? What challenges and opportunities face our cities?</b>
RE	<b>Holocaust and Human Rights</b> - Jewish Life, Anti Semitism, Ghettos	<b>Holocaust and Human Rights</b> - Beyond Imagination 1, Beyond Imagination 2, Human Rights	<b>Human Rights</b> - Social Justice, Rights and Responsibilities, Religion and Human Rights, Good Samaritan, Racism	<b>Human Rights</b> - Law and Prejudice, Homosexuality, Religion and sexism, Wealth and Poverty, Wealth and religion, The poor	<b>Crime and Punishment</b> - Intro to Crime, Why do people commit crime, Causes of Crime	<b>Crime and Punishment</b> - Buddhism and Crime, Christianity and Crime, Prison and Community Service, Capital and Corporal Punishment

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Design Technology	<p>Product -Jewellery Project and Trinket Box driving test</p> <p><b>Knowledge of materials and manufacturing:</b> Considering other users of the D&amp;T workshops and carrying out a safety survey Introduction to different materials and techniques – cutting and shaping copper, enamelling, glass fusing, using standard components (findings) to complete the products</p> <p><b>Knowledge of design:</b> Design skills – Looking at trends, Using the work of other designers Tatty Devine, using focus groups for evaluation Corporate identity and packaging of products</p>	<p>Product -Jewellery Project and Trinket Box driving test</p> <p><b>Knowledge of materials and manufacturing:</b> Considering other users of the D&amp;T workshops and carrying out a safety survey Introduction to different materials and techniques – cutting and shaping copper, enamelling, glass fusing, using standard components (findings) to complete the products</p> <p><b>Knowledge of design:</b> Design skills – Looking at trends, Using the work of other designers Tatty Devine, using focus groups for evaluation Corporate identity and packaging of products</p>	<p>Textiles -Tote Bag</p> <p><b>Knowledge of materials and manufacturing:</b> Bagging out/ turning handles French seams Screen printing Reinforcing seams</p> <p><b>Knowledge of design:</b> Using the work of other artist/designers to inspire their work Reusing bags therefore reducing plastic waste</p>	<p>Textiles -Tote Bag</p> <p><b>Knowledge of materials and manufacturing:</b> Bagging out/ turning handles French seams Screen printing Reinforcing seams</p> <p><b>Knowledge of design:</b> Using the work of other artist/designers to inspire their work Reusing bags therefore reducing plastic waste</p>	<p>Food – Around the World</p> <p><b>Knowledge of materials and manufacturing:</b> Science of food – gluten and yeast experiments Coagulation Learning about dishes and where they come from in the world Make an increasing complex range of dishes from chilli con carne to swiss roll</p> <p><b>Knowledge of design:</b> Analysis of scientific findings to develop better products. Development of dishes Evaluate using a mixture of sensory analysis and scientific knowledge to create a commentary on a dishes’ performance</p>	<p>Food – Around the World</p> <p><b>Knowledge of materials and manufacturing:</b> Science of food – gluten and yeast experiments Coagulation Learning about dishes and where they come from in the world Make an increasing complex range of dishes from chilli con carne to swiss roll</p> <p><b>Knowledge of design:</b> Analysis of scientific findings to develop better products. Development of dishes Evaluate using a mixture of sensory analysis and scientific knowledge to create a commentary on a dishes’ performance</p>
Art	<p>Clay pots: To introduce a new medium of clay (3D). To deepen knowledge of mark making, shape and texture in the use of clay. Enhancing knowledge of cultures and beliefs (Mexico).</p>	<p>Clay pots: To introduce a new medium of clay (3D). To deepen knowledge of mark making, shape and texture in the use of clay. Enhancing knowledge of cultures and beliefs (Mexico).</p>	<p>Natural form project: To work on a sustained project using a large variety of techniques. Freedom of choice. All materials are chosen to deepen knowledge of tone, texture and mark making. Materials that will be used in GCSE (acrylics) are used for the first time. Annotations are worked upon using subject specific vocab. Compositional design is experimental and more expressive. Photography is used to help aid option choices.</p>	<p>Natural form project: To work on a sustained project using a large variety of techniques. Freedom of choice. All materials are chosen to deepen knowledge of tone, texture and mark making. Materials that will be used in GCSE (acrylics) are used for the first time. Annotations are worked upon using subject specific vocab. Compositional design is experimental and more expressive. Photography is used to help aid option choices.</p>	<p>Icons: Broadening knowledge of acrylic painting. Using grades for accurate transcriptions. Further in-depth critical studies into artists and genres</p>	<p>Icons: Broadening knowledge of acrylic painting. Using grades for accurate transcriptions. Further in-depth critical studies into artists and genres</p>
Music	<p>Blues - 12 Bar Blues, Origins of Blues, Scales, Improvising with Blues Scale, Composition of Blues</p>	<p>Blues - Gershwin:Rhapsody in Blue, Christams Service Preparation</p>	<p>Ragtime and Jazz - The entertainer melody, Feel Pulse, Accompaniment styles</p>	<p>Ragtime and Jazz - Dixieland Jazz, Swing Era Big Band /Swing</p>	TBC	TBC
PE	<p>Acquiring knowledge, Decisions, Coaching (analysing &amp; evaluating) - Netball, Volleyball, Badminton, Hockey, Fitness, Dance and Basketball.</p>	<p>Acquiring knowledge, Decisions, Coaching (analysing &amp; evaluating) - Netball, Volleyball, Badminton, Hockey, Fitness, Dance and Basketball.</p>	<p>Healthy, active, lifestyle, Skill development, Decisions - Basketball, Dance, Netball, Fitness, Badminton &amp; Hockey.</p>	<p>Healthy, active, lifestyle, Skill development, Decisions - Basketball, Dance, Netball, Fitness, Badminton &amp; Hockey</p>	<p>Acquiring knowledge, Coaching (analysing &amp; evaluating) - Rounders, Athletics, Cricket, softball.</p>	<p>Acquiring knowledge, Coaching (analysing &amp; evaluating) - Rounders, Athletics, Cricket, softball.</p>
German	<p>Stimmt 3 - Unit 1 Vorbilder</p>	<p>Stimmt 3 - Unit 2 Musik</p>	<p>Stimmt 3 - Unit 3 Meine Ambitionen Jobs and future plans</p>	<p>Stimmt 3-Unit 4 Die Kindheit Childhood</p>	<p>Stimmt 3 – Unit 5 Rechte und Pflichten Rights and responsibilities</p>	<p>Stimmt 3 – Unit 5 Rechte und Pflichten Rights and responsibilities</p>
French	<p>Dynamo 3 rouge, Module 1: Mon monde à moi All about myself Healthy lifestyle</p>	<p>Module 2: Projets d’avenir Jobs and future plans</p>	<p>Module 3: Ma vie en musique Music/Past tenses</p>	<p>Module 4: Le meilleur des mondes Environment</p>	<p>Module 5 : Le monde francophone French speaking world</p>	<p>Module 5 : Le monde francophone French speaking world</p>
Computing	<p>Hardware &amp; Processing - OS, Utilities &amp; Software   How can we optimise the performance of a computer? Communication &amp; Networks - Networks   Sharing is caring!; Data &amp; Data Representation - Data Compression, Encoding &amp; Encryption;</p>	<p>Programming &amp; Development - Interactive WebDesign: How can we keep our audiences engaged with our content? HTML Game / Phaser.js</p>	<p>Data &amp; Data Representation - Boolean Logic   Logic Gates; Data &amp; Data Representation - Machine Learning   AI;</p>	<p>Data &amp; Data Representation - Machine Learning   AI; Algorithms - Algorithms</p>	<p>Programming &amp; Development - Scratch/Python - Countdown Countdown Game</p>	<p>Information Technology - Moral, Legal &amp; Environmental</p>