

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<b>Shakespeare – Much Ado About Nothing</b> 1: Understanding Context 5: Crafting language 6: SPaG	<b>Shakespeare – Much Ado About Nothing</b> 1: Understanding Context 5: Crafting language 6: SPaG	<b>Introduction to the Novel</b> Introduction to the novel. Extracts from early novels. Of Mice and Men – John Steinbeck 3: Analysis 4: Structure & coherence 6: SPaG 7: Spelling BV = Democracy	<b>Introduction to the Novel</b> Introduction to the novel. Extracts from early novels. Of Mice and Men – John Steinbeck 3: Analysis 4: Structure & coherence 6: SPaG 7: Spelling BV = Democracy	<b>The Romantic Imagination</b> Texts: The Rime of the Ancient Mariner; selection of Romantic Poetry  All Key Concepts (except spelling) assessed	<b>The Romantic Imagination</b> Texts: The Rime of the Ancient Mariner; selection of Romantic Poetry  All Key Concepts (except spelling) assessed
Maths	<b>Proportional Reasoning:</b> Ratio and Scale, Multiplicative Change, Multiplying and Dividing Fractions	<b>Representations:</b> Working in the Cartesian Plane, Working in the Cartesian Plane, Tables and Probability, Representing Data (bivariate)	<b>Algebraic Techniques:</b> Brackets, Equations and Inequalities, Sequences, Indices	<b>Developing number:</b> Fraction and Percentages, Standard Index Form, Number Sense	<b>Developing Geometry:</b> Angles in Parallel Lines and Polygons, Area of trapezia and Circles, Line Symmetry and Reflection	<b>Reasoning with Data:</b> The Handling Data Cycle, Measure of Location, Finance Project
Science Bi	<b>Digestion and Absorption:</b> The digestive system, Physical digestion, Chemical digestion, Chemical digestion and industrial processes, Enzyme action	<b>Digestion and Absorption:</b> Organs of the digestive system, Absorption, 1. Planning investigations 2. Analysing investigations	<b>Respiration:</b> Aerobic Respiration, Anaerobic Respiration & Fermentation, Effects of Exercise, Heart Structure Blood vessels,	<b>Respiration:</b> Structure of the Human Gas Exchange System, Ventilation, Alveoli & Gas Exchange, Effects of Smoking, Lung Disease (Data Analysis), Graphs & Anomalies	<b>Variation:</b> Variation, Continuous and discontinuous variation, Inheritance, Chromosomes, genes and DNA, DNA model, Mitosis & Meiosis	<b>Variation:</b> Adapting to change, Natural selection, Natural selection investigation, Selective breeding, Asexual reproduction, Planning and analysing investigations
Science Ch	<b>Atoms, Elements and Compounds:</b> Elements and Compounds, Naming Compounds, The Atom, Electronic Configuration	<b>Atoms, Elements and Compounds:</b> Relative Formula Mass, Percentage by Mass, Scientific Investigation (density), Halogens / alkali metals	<b>Composite Materials:</b> Limestone , Thermal decomposition of calcium carbonate, The limestone cycle, Mortar and Concrete,	<b>Composite Materials:</b> Rocks and metal Extraction of metals, Corrosion, Metals and their uses Extracting metals, Recycling Metals, Transitions metals, Graphs and anomalies	<b>Organic Resources:</b> Crude Oil, Fractional Distillation, Name alkanes, Combustion, Combustion Investigation	<b>Organic Resources:</b> Fire safety and incomplete combustion, Alternative fuels and pollution, Carbon Emissions, Planning and Analysing Investigations
Science Ph	<b>Sound:</b> Waves, What makes a sound?, Pitch and volume, The wave equation, Structure of the ear	<b>Sound:</b> Different mediums The speed of sound - Practical, Reducing noise, Ultrasound The uses of ultrasound, Planning and analysing observations	<b>Heating and Cooling:</b> Heat energy and temperature, Radiation, The penguin experiment, Conduction, Convection, The Thermos flask	<b>Heating and Cooling:</b> Internal energy Specific Heat Capacity, Changing state, Evaporation, Graphs and anomalies	<b>Light:</b> Seeing Things Light Waves, Reflection, Mirrors and Ray Diagrams, Refraction, Lenses	<b>Light:</b> Total Internal Reflection, Dispersion, Seeing Colour, The Eye, Planning and Analysing Investigations
History	<b>the development of Church, state and society in Britain 1509-1745</b> - How did society and state change and develop under the Tudors? 1485-1603 BV = Democracy	<b>the development of Church, state and society in Britain 1509-1745</b> - How did society and state change and develop under the Tudors? 1485-1603 BV = Democracy	<b>the development of Church, state and society in Britain 1509-1745</b> - Why did Civil War happen? BV = Democracy	<b>the development of Church, state and society in Britain 1509-1745</b> - The Effects of Civil War and the Unification of the Kingdom 1650-1745 BV = Democracy	<b>ideas, political power, industry and empire: Britain, 1745-1901</b> - What was the shared experience of the Atlantic Slave Trade? BV = Democracy	<b>ideas, political power, industry and empire: Britain, 1745-1901</b> - Political and Social Reforms - How did Britain's democracy develop? BV = Democracy
Geography	<b>What are different biomes like around the world? How are they under threat?</b> Tropics to Tundra	<b>How are humans affecting the earth and each other? What can we do about it?</b> Hazardous Humans	<b>What is Africa like? How big is it? How diverse are its people and landscapes? What challenges does the continent face and why?</b> Into Africa	<b>What is Africa like? How big is it? How diverse are its people and landscapes? What challenges does the continent face and why?</b>	<b>How do rivers shape the landscape? Why are they important? What impacts does flooding have and what ca we do about it?</b> Rivers & Flooding	<b>How do rivers shape the landscape? Why are they important? What impacts does flooding have and what ca we do about it?</b> Rivers & Flooding

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RE	<b>Visions, Values and Purpose</b> - Vision, Values, Commitment, Jesus, Nature of Jesus, Jesus Visionary	Visions, Values and Purpose - MLK vision, MLK Civil Rights, Tutu 1, Tutu 2, Yusuf Islam	<b>Sacred Earth</b> - Sacred Earth, Pachamama, Creation Stories	<b>Sacred Earth</b> - Reverse creation, OfGod, Stewardship, Endangered Species	<b>Islam and Judaism</b> - Islam where does it come from?, Islamic Beliefs, Five Pillars, Mosque, Hajj	<b>Islam and Judaism</b> - Hajj, Ramadan, Judaism Intro, Jewish beliefs, Synagogue, Masada
Design Technology	<p>Product- Be Seen Project and Headphone holder driving test</p> <p>Knowledge of materials and manufacturing: Using risk assessment tables Advanced Hegner saw and sander skills developed while mould making Introduction to electronics, learning soldering Sublimating and forming thermoplastics Simple electronic components and their functions How the circuit is powered and controlled.</p> <p>Knowledge of design: Design skills – designing from the inside out, advanced pattern design. Identifying customer needs and wants through product analysis and customer profiling. Design criteria, testing the light with the user. Designing their own testing strategy. Receiving and acting on user feedback.</p>	<p>Product- Be Seen Project and Headphone holder driving test</p> <p>Knowledge of materials and manufacturing: Using risk assessment tables Advanced Hegner saw and sander skills developed while mould making Introduction to electronics, learning soldering Sublimating and forming thermoplastics Simple electronic components and their functions How the circuit is powered and controlled.</p> <p>Knowledge of design: Design skills – designing from the inside out, advanced pattern design. Identifying customer needs and wants through product analysis and customer profiling. Design criteria, testing the light with the user. Designing their own testing strategy. Receiving and acting on user feedback.</p>	<p>Textiles-Holder</p> <p>Knowledge of materials and manufacturing: More complex construction techniques Applying elastic Precision construction and decorative techniques More advance decorative techniques</p> <p>Knowledge of design: Using a theme to inspire designs - Nature</p>	<p>Textiles-Holder</p> <p>Knowledge of materials and manufacturing: More complex construction techniques Applying elastic Precision construction and decorative techniques More advance decorative techniques</p> <p>Knowledge of design: Using a theme to inspire designs - Nature</p>	<p>Food- Nutrition for Life</p> <p>Knowledge of materials and manufacturing: Develop a greater knowledge of a wider range of specific nutrients and where they can be found in food. Gelatinisation Increase knowledge of cooking methods – rubbing in Make an increasing complex range of dishes Investigate the role of different sugars in the sensory analysis of a simple cake recipe What is a staple foods Safe storage of food</p> <p>Knowledge of design: Draw and label ideas for products Evaluate using star profiles and a greater range of sensory descriptors</p>	<p>Food- Nutrition for Life</p> <p>Knowledge of materials and manufacturing: Develop a greater knowledge of a wider range of specific nutrients and where they can be found in food. Gelatinisation Increase knowledge of cooking methods – rubbing in Make an increasing complex range of dishes Investigate the role of different sugars in the sensory analysis of a simple cake recipe What is a staple foods Safe storage of food</p> <p>Knowledge of design: Draw and label ideas for products Evaluate using star profiles and a greater range of sensory descriptors</p>
Art	<p>Abstract: Examining artists work in more depth to produce artists inspired work. Developing skills with pencil/watercolour pencils and paint, adding depth and tone. Learning to create successful balanced compositions using weaving technique and press printing (1st attempt at these skills) Looking at multiple viewpoint drawing (helps develop a sense of 3D) Expanding knowledge of art genres and artists techniques</p>	<p>Abstract: Examining artists work in more depth to produce artists inspired work. Developing skills with pencil/watercolour pencils and paint, adding depth and tone. Learning to create successful balanced compositions using weaving technique and press printing (1st attempt at these skills) Looking at multiple viewpoint drawing (helps develop a sense of 3D) Expanding knowledge of art genres and artists techniques</p>	<p>Totem poles: To learn new techniques in oil pastel, adding tone and texture. Appreciating other cultures and beliefs while studying non-UK based artists. Experimenting with pattern work to enhance shape and composition using a large range of materials.</p>	<p>Totem poles: To learn new techniques in oil pastel, adding tone and texture. Appreciating other cultures and beliefs while studying non-UK based artists. Experimenting with pattern work to enhance shape and composition using a large range of materials.</p>	<p>Landscape: To develop knowledge of foreground, background and horizon line, using mark making and texture. Further increasing knowledge on composition (detail and colour recession) design and use of materials, developing into collage from a more detailed piece.</p>	<p>Landscape: To develop knowledge of foreground, background and horizon line, using mark making and texture. Further increasing knowledge on composition (detail and colour recession) design and use of materials, developing into collage from a more detailed piece.</p>

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Music	<b>World Music</b> - Pentatonic scale Traditional Chinese instruments Textures & Structures Composition in Ternary or Rondo form Appraisal (listening with understanding) Music from India & West Africa	<b>World Music</b> - Pentatonic scale Traditional Chinese instruments Textures & Structures Composition in Ternary or Rondo form Appraisal (listening with understanding) Music from India & West Africa	<b>Classical Music</b> - Mozart, Haydn & Beethoven Für Elise performance Classical Genres inc string quartet, concerto, symphony Theme & variations composition	<b>Classical Music</b> - Mozart, Haydn & Beethoven Für Elise performance Classical Genres inc string quartet, concerto, symphony Theme & variations composition	<b>Guitar</b> - Riffs Chords Chord progressions Performance	<b>Guitar</b> - Riffs Chords Chord progressions Performance
PE	<b>Acquiring knowledge, Skill development, Decisions.</b> - Hockey, Fitness, Football, Badminton, Netball & Dance.	<b>Acquiring knowledge, Skill development, Decisions.</b> - Hockey, Fitness, Football, Badminton, Netball & Dance.	<b>Healthy, active, lifestyle, Decisions, Coaching (analysing &amp; evaluating)</b> - Netball, Badminton, Gym, Fitness & Dance.	<b>Healthy, active, lifestyle, Decisions, Coaching (analysing &amp; evaluating)</b> - Netball, Badminton, Gym, Fitness & Dance.	<b>Acquiring knowledge, Skill development.</b> - Athletics, Rounders, Cricket.	<b>Acquiring knowledge, Skill development.</b> - Athletics, Rounders, Cricket.
German	Stimmt 2, Unit 1: Ich liebe Ferien <b>Holidays</b>	Stimmt , Unit 2, Bist du ein Medienfan? - <b>Media</b>	Unit 3 Bleib gesund! - <b>Healthy living</b>	Unit 4: Klassenreisen machen Spaß! <b>Going on a school trip</b>	Unit 5: Wir gehen aus Discussing <b>dates and outings</b>	Grammar Focus
French	Dynamo 2 rouge, Module 1: Vive les vacances! <b>Holidays</b>	Module 2: J'adore les fêtes <b>Celebrations</b>	Module 3: A loisir <b>Hobbies/free time</b>	Module 4: Le monde est petit <b>Where you live</b>	Module 5: Le sport en direct <b>Sports</b>	Module 5: Le sport en direct <b>Sports</b>
Computing	<b>Communication and Networks</b> - HTML   Will the internet slow down as it grows bigger and gets older?	<b>Hardware and Processing</b> - Memory & Storage   How can we build the fastest computer in the world? <b>Data and Data Representation</b> - SQL   How can we keep our digital lives organised? <b>Communication and Networks</b> - Search Engines and Filtering the Web	<b>Data and Data Representation</b> - Data Representation   Text, Images & Sounds	<b>Communication &amp; Networks</b> - Web Design CSS   How can we control the style of an entire website in one click?	<b>Algorithms</b> - Algorithms; <b>Programming and Development</b> - Scratch - Guess My Number Game   Python - Dice Game	<b>Information Technology</b> - Moral, Legal & Environmental   Networks IoT