

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
English	Dystopian	Victorian Life and Language	The Art of Rhetoric	Myths and Legends	Of Mice and Men	Journeys
Maths	Prime factor decomposition Laws of indices Powers of 10 Standard form Calculating and estimating Simplifying expressions Expanding and simplifying Substitution Solving equations	Plans and elevations Surface area of prisms Volume of prisms Area and circumference of circles Pythagoras' Theorem Direct proportion Distance-time graphs Rates of change Misleading graphs	Transformations Combining transformations 2D shapes and 3D solids Recurrign decimals Using percentages Percentage change Repeated percentage change Accurate drawings	Comparing probabilities Estimating probability Experimental probability Tree diagrams	Plotting linear graphs Finding the gradient Finding the equation of a line Parallel and perpendicular lines Non-linear graphs	Adding and subtracting fractions Multiplying fractions Dividing fractions Fractions, decimals and reciprocals Calculating with mixed numbers
Science	Breathing and Digestion Separating Mixtures	Electricity Periodic Table, Metals and Non-Metals	Magnets and Electromagnets Respiration and Photosynthesis	Reactions and Energy Speed and Pressure	Universe Climate and Resources	Practical/Independent Project Based Learning and Skills Consolidation
French	Holidays	TV, Film and Media	Paris	Identity	Film Study – Kirikou Country Study – Le Senegal	Culture - Francophone World
Geography	What are renewable and non-renewable resources? What are plate techtonics?	How do we protect the environment? What are volcanoes?	What are the challenges around world resources? What are the effects of a volcanic eruption?	What is the erosion process? What are earthquakes?	What are the causes and effects of flooding? How do we predict, prepare and protect against natural hazards?	What are the physical processes associated with coasts? What is glaciation?
History	What was Britain's role in the Slave Trade?	Industrial Revolution - How might historians argue that Britain was "transformed"?	Did the Suffragettes gain equality?	What were the causes of the First World War?	Was the First World War a pointless war?	WW2: How was democracy saved?
Art	Insect Sketchbook	Coloured pencil techniques explored · Colour blending developed · Review of the effects To create a zentangle effect · To use pattern as a way of creating texture	Introduction of Abby Diamond · Generate ideas using the power of 5 · Produce study sheet of artist	Generate a study sheet on the artist Abby Diamond · Explore presentation skills · Apply brusho and pen techniques	3D Insect Matchbox To create a miniature matchbox artwork · To explore decoration · To create 3D insects	Exploring oil pastels and their effects · Select appropriate colours to blend Insect final Pieces
Computing	What are the different layers of computing systems?	What is artificial intelligence and how is it used?	How do computers represent data in a wide variety of forms?	How do we use use technology safely, respectfully, responsibly and securely?	How do we define a network and address the benefits of networking?	How do we computer programs translate into the physical environment?
Food	Importance of Labelling	Raising Agents	Gluten & Investigation Fats in Pastry	Gluten & Investigation Fats in Pastry	NEA Practice Scientific experiments	Food Science
Music	Jazz and Blues	Jazz and Blues	Samba	Samba	Hooks and Riffs	Hooks and Riffs
Physical Education	Badminton Football Basketball		HRF Hockey Volleyball		Athletics	Athletics Softball Rounders
PSHE	E-Safety and Self Esteem	Health and Wellbeing	Diversity Risk	Alcohol and Drugs	Relationship and Sex Education	Finance Careers
Religious Education	Morality	Believing in God	Religion and the Environment	Sikhism	Racism	Hinduism
Technology	Workshop safety introduction Design Brief Product Investigation	3rd angle orthographic drawing Electronic components Soldering techniques	Plan of manufacture Modelling and cost analysis CAD Design	Bio mimicry - influence from nature Metals and Alloys theory Modern materials Use of tools and equipment	Developments in new materials: modern materials. Use of tools and equipment review.	Design and make project: Clock Project