

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
English	An Inspector Calls	A Christmas Carol	Unseen Poetry / Anthology Poetry	Anthology Poetry	Being Human: Prose and Creative Writing	Romeo and Juliet
Maths	Calculations, checking and rounding Indices, roots, reciprocals and BIDMAS Algebra: the basics Sequences	Averages and range Representing and interpreting data and scatter graphs Fractions and percentages Ratio and proportion	Polygons, angles and parallel lines Pythagoras' Theorem Trigonometry Graphs: the basics and real-life graphs Linear and coordinate geometry Quadratic, cubic and other graphs Perimeter, area and circles	3D forms and volume Cylinders, cones and spheres Accuracy and bounds Transformations Constructions and loci	Solving quadratic equations Simultaneous equations Inequalities Probability	Multiplicative reasoning Similarity and congruence Further trigonometry Sine rule Cosine rule
Science - Combined	Organisation Atomic Structure	Structure and Bonding Infection and Response Energy Changes	Quantitative Chemistry Energy	Bioenergetics Chemical Changes	Electricity Rate and Extent	Magnesium Organic Chemistry Analysis
Biology	Organisation	Infection and Response	Bioenergetics	Homeostasis	Inheritance Variation and Evolution	Practical/Independent Project Based Learning and Skills Consolidation
Chemistry	Structure and Bonding	Quantitative Chemistry	Chemical Changes Energy Changes	Rate and Extent	Organic Chemistry	Practical/Independent Project Based Learning and Skills Consolidation
Physics	Atomic Structure	Energy	Electricity	Magnetism	Space	Practical/Independent Project Based Learning and Skills Consolidation
French	Home, town, neighbourhood and region	Travel and Tourism	Social Issues - Charities Healthy Lifestyles	The Environment	Life at School / College	Education Post 15, Jobs, career choices and ambitions
Geography	Urban and Rural Processes	Urban and Rural Processes	Weather and Climate	Rivers	Rivers and Management	Desertification
History	Did Medicine improve during the Renaissance?	What was the biggest breakthrough in the 19th Century?	Why did Medicine continue to improve in the 20th century?	How satisfied were the Big Three after WW1?	Was the League of Nations doomed from the start?	Why did war break out in 1939?
Art	Explore Ocean Life theme through backgrounds, collecting and drawing. Explore observations with the use of different media Pupils will experiment with media, exploring the theme of water. Use annotation effectively to review outcomes.	Large scale work using mixed media backgrounds. Final Piece idea thumbnails Final piece designs finalised and started.	Pupils continue with their final pieces for their Ocean Life projects.	Food Project:Pupils will start their enlargement final pieces using gridding techniques. Pupils continue with their oil pastel enlargement final pieces. Sarah Graham study sheet to create and explore continued.	Pupils explore mono-printing techniques.	Initial ideas are to be explored further. Final piece continued and unfinished work complete
Citizenship	Democracy at Work in the UK	Democracy at Work in the UK	Law and Justice in the UK	Law and Justice in the UK	Living Together in the UK	Active Citizenship
Computing	Systems Architecture Memory and Storage	Memory and Storage	Computer networks, connections and protocols	Network Security	System software	Ethical, legal, cultural and environmental concerns
Design Technology	Connection Methods New and emerging technologies	Energy generation and storage	Developments in new materials	Mechanical devices	Speaker Project Systems approach to designing	Materials and their working properties Material categories
Food	Fruit & Vegetables	Milk, Cheese & Yoghurt	Cereals	Meat, Fish, Poultry & Eggs	Fats, Oils, Butter & Sugars	Soya, Beans & Seeds and Thickeners
Music	Exploring genres and creating music products: West African Drumming, Jazz and Blues, Rock 'n' Roll.	Exploring genres and creating music products: Motown, Disco, Rock.	Exploring genres and creating music products: HipHop, Pop Ballads, present-day solo performers.	Exploring genres and creating music products: Baroque, Music for Media.	Exploring professional and commercial musicianship skills.	Exploring professional and commercial musicianship skills.
Physical Education	Option 1 (invasion games)	Cross Country / Option 2 (individual performance)	Option 3 (net and wall)	Option 4 (invasion games)	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	Christianity - Beliefs and Teachings	Christianity - Beliefs and Teachings	Relationships and Families	Christianity - Practices	Christianity - Practices	Religion and Life
Engineering	Unit 1 A Exploring engineering sectors and design applications	Unit 1 A Exploring engineering sectors and design applications	Unit 1 A Exploring engineering sectors and design applications	Unit 1 B The Engineering design and make process RC car stand	Unit 1 B The Engineering design and make process RC car stand	Unit 2 A Investigating an engineering project