



Year 5	English	Maths	RE 'Come and See'	IPC Topics	Science	Computing	Art /DT /Music	History/ Geography	PE
Autumn 1	Comprehension, grammar, Narrative writing,	Number/Calculations place value, negative numbers, adding and subtracting,	Ourselves, Life choices, Judaism, Hope	The great, the bold and the brave – Ancient Greeks		Internet search for collecting and researching information, collaborating and communicating with others online, present data and information	Art and making models based on Greek and Roman period	Ancient Greeks – daily life, government, army, invasion, Alexander the Great	Indoor Athletics Netball
Autumn 2	Comprehension, grammar, Instruction writing Poetry	Ordering and rounding multiplying and dividing, Doubling and halving, Understanding powers, square and cube numbers, factors and multiples statistics - Handling data Organising data Time, coordinates. Plotting points		The great, the bold and the brave – Ancient Romans				Ancient Romans – daily life – Roman baths, government, Roman army,	Fitness Netball
Spring 1	Comprehension, grammar, poetry, myths, legends, fables, report writing/formal writing, short stories	Fractions Decimals Problem solving, investigations	Mission, Memorial sacrifice, Sacrifice	Space explorers	Size of the planets and their distance from the Sun, movements of the Earth, Sun and Moon and how they affect us, classifying and comparing rocks, craters, light, life cycle of a star	Technology that is being used to explore Mars, researching facts and about space, presenting our own information using a variety of different media, e.g. photos, videos, digital collage, presentations	Shape, colour and patterns of nebulae, create own satellite images	What people in the past used to think about the Earth, Sun and Moon, Galileo, constellations, important events in the history of astronomy and space	Gym/dance Football

Spring 2	Comprehension, grammar, narrative poetry persuasive writing, diary writing	Fractions, decimals and percentages Problem solving, investigations		3D Designers		Create and manipulate 3D models using online programming tools, Decomposing problems and using logical reasoning to help in designing algorithms, using variables, inputs, various commands to design and write computer games. Internet search, collaborating and communicating with others online, present data and information,	Planning, designing and evaluation 3D models of buildings		Gym/Dance Hockey
				Roots, Shoots and Fruits	Parts and functions of a plant, reproduction of plant.		Drawing plants with different materials		
Summer 1	Comprehension, grammar, play writing descriptive writing, diary writing, stories from other cultures	Angles, shape, position and direction, Translation, reflection, rotation and symmetry Problem solving, investigations	Transformation, Freedom & responsibility, Stewardship, Islam	Making New materials	Chemistry of cooking, dissolving and melting, solids, liquids and gases, conductors and insulators, magnetic materials		How glass is made How to create a brand new material How to choose materials to express an idea	About the importance of bronze, iron and clay	Gym/dance Athletics Rounders

Summer 2	Comprehension, grammar, writing for the audience, alternative storytelling, film narratives, performance poetry	Measure Converting units, perimeter, area, volume and capacity Problem solving, investigations		Making Things Go	Different kinds of energy. Make a solar oven. Materials that absorb and reflect energy. Energy and forces.		Make a windmill. School's use of energy and at home. Design and make race cars – Surrey University.	Alternative ways to generate energy. Wind/solar power.	Gym/dance Athletics Rounders
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