

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	<p>USA Away (geography)</p> <p>Curriculum content:</p> <p>Geography Locate the world's countries, using maps to focus on. Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities. Geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America</p> <p>Human and physical geography – describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.</p> <p>To use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.</p> <p>ART use a range of painting techniques</p>	<p>Ancient Greece (history)</p> <p>Curriculum content:</p> <p>History Ancient Greece – a study of Greek life and achievements and their influence on the western world (Gods, Athens V Sparta, marathon, Olympics, Greek life etc)</p> <p>ART use a variety of tools to add detail to a model. Use armatures in modelling. Embellishes, using a variety of techniques, including drawing, painting and printing.</p> <p>Animals including humans</p> <p>Science Describe the changes as humans develop to old age. Understand the timeline of humans which shows the key stages in growth and development. Understand the changes experienced in puberty.</p> <p>RE Understand different</p>	<p>Natural Disasters (geography)</p> <p>Curriculum content:</p> <p>Geography Describe and understand key aspects of: Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.</p> <p>DT – Torches Design a product using ICT Communicate design ideas through annotated sketches Communicate design ideas using exploded diagrams</p> <p>Forces</p> <p>Science Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.</p> <p>Identify the effects of air resistance, water</p>	<p>Go Green (geography and science)</p> <p>Curriculum content:</p> <p>Geography Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.</p> <p>ART collage – based on The Window Jeannie Baker.</p> <p>RE Identify similarities and differences in sacred texts in all religions.</p> <p>Living things and their habitats</p> <p>Curriculum content:</p> <p>Describe the differences in the lifecycles of a mammal, an amphibian an insect and a bird.</p>	<p>World War II (history)</p> <p>Curriculum content:</p> <p>History To learn changes within living memory – revealing aspects of change in national life. Deepen understanding of the reasons for the start of WWII To understand Evacuation/rationing. To know the key figures of WWII</p> <p>ART To sketch a design in the style of Use a range of Lalique.</p> <p>To understand the process of making a leaded window.</p> <p>To Understand why colourful art deco design was important to Britain in the 1930's/40's.</p> <p>Properties and change of materials</p> <p>DT – Alarms Design a product using</p>	<p>World War II (history)</p> <p>Curriculum content:</p> <p>History To understand the different kinds of concentration camp and their uses. To develop understanding of the growth and development of Auschwitz through three main fazes. The Boy in the striped pyjamas – Learning – to understand a balanced view of historical events.</p> <p>ENRICHMENT: Duxford Museum</p> <p>DT – Shelters Design a structure that is strong. Technical drawing</p>

	<p>to recreate an ancient tepee design.</p> <p style="text-align: center;">Earth and Space</p> <p>Science Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.</p> <p>Describe the movement of the Moon relative to the Earth</p> <p>Describe the Sun, Earth and Moon as approximately spherical bodies</p> <p>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. To make systematic observations and measurement</p> <p>RE</p> <p>Develop a deeper understanding of worship and its importance in religious practice</p> <p>ENRICHMENT: Overnight Camp</p>	<p>teachings</p>	<p>resistance and friction that act between moving surfaces.</p> <p>Recognise that some mechanisms, including levers, pulleys and gears allow a smaller force to have greater effect</p> <p>DRAGON'S DEN – cross curricular – DT, ICT, literacy, maths + PHSE.</p> <p>RE Understand the significance of particular sites.</p>	<p>Describe the life process of reproduction in some plants and animals. Compare lifecycles of plants and animals in local environment to those around the world (in desert areas and in prehistoric times) Research the work of naturalists and animal behaviourists, for example David Attenborough and Jade Goodall Understand that there are different types of reproduction, including sexual and asexual reproduction in plants and sexual reproduction in animals. Grow new plants from different parts of parent plants.</p> <p style="text-align: center;">ENRICHMENT: Ryton Organic Gardens</p>	<p>ICT Communicate design ideas through annotated sketches Communicate design ideas using exploded diagrams</p> <p>Science Properties of materials Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p> <p>Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p> <p>Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</p> <p>Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including</p>	<p>(including measurements, materials and dimensions)</p> <p>Build a structure that can withhold dropped from one metre.</p> <p>Evaluate the design.</p> <p>RE</p> <p>Begin to develop understanding of beliefs in action in the world.</p>
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