

Year 5

| | Areas of Learning | To be taught across the year (refer to "Milestones") |
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| Autumn | Suggested Topic: Ancient Greece | <p>Art Create sketch books Painting Collage Sculpture Drawing Printing Textiles Digital Media Great artists, architects and designers in history</p> <p>D&T Practical skills using a variety of tools and equipment ICT to generate, develop, model and communicate ideas DME (Design/Make/Evaluate) Inspirations Work in a range of contexts Use IT to program, monitor and control products</p> <p>Music Play and Perform Improvise and Compose Aural memory Staff and other musical notations Transcribe Describe Music from different traditions Great composers and musicians History of music</p> <p>MFL Listen, join in and respond Explore patterns and sounds Engage in conversation Speak in sentences</p> |
| | <p>Science - Forces/the Earth and Space Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulley and gears, allow a smaller force to have a greater effect. Describe the movement of the Earth, and other planets, relative to the Sun in the solar system Describe the movement of the Moon relative to the Earth Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</p> | |
| | <p>History A study of Greek life and achievements and their influence on the western world.</p> | |
| | <p>Geography Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied Use the eight points of a compass, four and six-figure grid references, symbols and key to build their knowledge of the wider world Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere. Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, and a region in a European country</p> | |
| | <p>D&T - Structures and Mechanics Apply their understanding of how to strengthen, stiffen and reinforce more complex structures Understand and use mechanical systems in their products</p> | |
| Spring | Suggested Topic: Local Study | |
| | <p>Science - Living Things and their Habitats/Animals, Including Humans Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants and animals. Describe the changes as humans develop to old age.</p> | |
| | <p>History A study over time tracing how several aspects of national history are reflected in the locality (this can go beyond 1066)</p> | |

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| | <p><u>Geography</u> Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</p> | <p>Pronunciation and intonation Present ideas and information orally Read and show understanding Stories, songs, poems and rhymes Develop vocabulary</p> |
| Summer | <p>Suggested Topic: Rituals and Celebrations</p> | <p>Write and adapt Describe people, places and things</p> |
| | <p><u>Science - Properties and Changes of Materials</u> 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 Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic Demonstrate that dissolving, mixing and changes of state are reversible changes Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.</p> | <p><u>P.E.</u> Games Dance Gymnastics Athletics Swimming and water safety Outdoor and adventurous activity</p> |
| | <p><u>History</u> A non-European society that provides contrasts with British history - one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900; Mayan civilization c. AD 900; Benin (West Africa) c. AD 900-1300</p> | <p><u>Computing (ICT)</u> Design, write and debug programs Sequence, selection and repetition in programs Explain simple algorithms Understand computer networks Use search technologies Select, use and combine software Use digital devices to design and create programs</p> |
| | <p><u>Geography</u> Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, and a region within North or South America.</p> | <p>Safe use of technology</p> |
| | <p><u>D&T - Cooking and Nutrition</u> Understand and apply the principles of a healthy and varied diet Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</p> | <p>NB - Computing must be taught and used as an integral part of all areas of the curriculum.</p> |