

	History	Geography	Science	Computing	Art & Design
Programme of Study	<p>Know and understand significant aspects of the history of the wider world: the nature of ancient civilisations; the expansion and dissolution of empires; characteristic features of past non-European societies; achievements and follies of mankind.</p> <p>Study an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066.</p>	<p>Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.</p> <p>Are competent in the geographical skills needed to: collect, analyse and communicate with a range of data gathered through experiences of fieldwork that deepen their understanding of geographical processes; interpret a range of sources of geographical information, including maps, diagrams, globes, aerial photographs and Geographical Information Systems (GIS); communicate geographical information in a variety of ways, including through maps, numerical and quantitative skills and writing at length.</p> <p>Understand the processes that give rise to key physical and human geographical features of the world, how these are interdependent and how they bring about spatial variation and change over time.</p>	<p>Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.</p> <p>Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.</p> <p>Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p> <p>Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.</p> <p>Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</p>	<p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>	<p>Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay).</p>

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Year 5 Learning Intention (skills)	<p>An achievement or discovery may be significant because it affects the lives of other people or the natural world; moves human understanding forward; rights wrongs and injustices or celebrates the highest attainments of humans.</p> <p>Articulate the significance of a historical person, event, discovery or invention in British history.</p> <p>Sequence and make connections between periods of world history on a timeline.</p>	<p>Use compass points, grid references and scale to interpret maps, including Ordnance Survey maps, with accuracy</p> <p>Construct or carry out a geographical enquiry by gathering and analysing a range of sources.</p>	<p>Identify and name a variety of plants and animals in a range of habitats and microhabitats</p> <p>Plan and carry out a range of enquiries, including writing methods, identifying variables and making predictions based on prior knowledge and understanding.</p> <p>Gather and record data and results of increasing complexity, selecting from a range of methods (scientific diagrams, labels, classification keys, tables, graphs and models).</p> <p>Ask a wide range of relevant scientific questions that broaden their understanding of the world around them and identify how they can answer them.</p>	<p>Create, select and combine a range of texts, images, sound clips and videos for given purposes</p>	<p>Use pen and ink (ink wash) to add perspective, light and shade to a composition or model</p>

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Year 5 Knowledge	<p>Describe some of the significant achievements of mankind and explain why they are important.</p> <p>Significant people, events, discoveries or inventions can affect many people over time. Examples include the invasion of a country; transfer of power; improvements in healthcare; advancements in technologies or exploration.</p>	<p>Compass points can be used to describe the relationship of features to each other, or to describe the direction of travel. Accurate grid references identify the position of key physical and human features.</p>	<p>A habitat is a place where a living thing lives. A microhabitat is a very small habitat.</p> <p>A method is a set of clear instructions for how to carry out a scientific investigation. A prediction is a statement about what might happen in an investigation based on some prior knowledge or understanding.</p> <p>Data can be recorded and displayed in different ways, including tables, bar and line charts, classification keys and labelled diagrams.</p> <p>Questions can help us find out about the world and can be answered using a range of scientific enquiries</p>	<p>Creating, selecting and combining a range of texts, images, sound clips and videos for given purposes could include creating a web page, slide show presentation, short film or an animation.</p>	<p>Ink wash is a mixture of India ink and water, which is applied to paper using a brush. Adding different amounts of water changes the shade of the marks made. Ink wash can be used to create a tonal perspective, light and shade.</p>