



<p align="center"><b>Science</b> Area of study:</p>	<p align="center"><b>Geography</b> Area of study:</p>	<p align="center"><b>Music</b> Area of study:</p>
<p>Pupils should be taught to:</p> <p><b>Plants</b></p> <ul style="list-style-type: none"> <li>* identify and describe the functions of different parts of flowering plants, roots, stem/trunk, leaves and flowers</li> <li>* explore the requirements of plants for life and growth (air, light, water, nutrients from soil and room to grow) and how they vary from plant to plant</li> <li>* investigate the way in which water is transported within plants</li> <li>* explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal</li> </ul> <p><b>Light</b></p> <ul style="list-style-type: none"> <li>* recognise that they need light in order to see things and that dark is the absence of light</li> <li>* notice that light is reflected from surfaces</li> <li>* recognise that light from the sun can be dangerous and that there are ways to protect their eyes</li> <li>* recognise that shadows are formed when the light from a light source is blocked by a solid object</li> <li>* find patterns in the way that the size of shadows change</li> </ul> <p><b>Scientist studied: Thomas Edison</b></p>	<p><b>Topic: Charlie and the Chocolate Factory – Comparing the UK to Ghana</b></p> <p><b>Physical Geography</b></p> <p>Pupils should be taught:</p> <ul style="list-style-type: none"> <li>* to describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts and rivers</li> </ul> <p><b>Ongoing: Map and Field work</b></p> <ul style="list-style-type: none"> <li>* to use maps, atlases, globes and digital/ computer mapping to locate countries</li> <li>* to be introduced to the eight points of a compass and four figure grid references, symbols and keys to build their knowledge of the United Kingdom and the wider World</li> <li>* to 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.</li> </ul>	<p>Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>* play and perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression</li> <li>* listen with attention to detail and recall sounds with an increasing aural memory</li> <li>* appreciate and understand a wide range of high quality music</li> </ul> <p><b>Area Studied: Ukulele (Tees Valley Music Service)</b></p>
<p align="center"><b>Computing</b> Area of study:</p>	<p align="center"><b>Design and Technology</b> Area of Study:</p>	<p align="center"><b>Art</b> Area of study:</p>
<p><b>Programming and Using Technology</b></p> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>* design, write and debug programs that accomplish specific goals</li> <li>* use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>* use logical reasoning to explain how some algorithms work and to detect and correct errors</li> <li>* understand computer networks including the internet</li> <li>* use search technologies effectively</li> <li>* use technology safely, recognising acceptable/unacceptable behaviour</li> </ul>	<p><b>Design and make a garden lantern</b></p> <p>Pupils should be taught to:</p> <p><u>Design:</u></p> <ul style="list-style-type: none"> <li>* use research and develop design criteria</li> <li>* generate, develop, model and communicate their ideas</li> </ul> <p><u>Make:</u></p> <ul style="list-style-type: none"> <li>* select from and use a wider range of tools to perform practical tasks</li> <li>* select from and use a wider range of materials and components</li> </ul> <p><u>Evaluate:</u></p> <ul style="list-style-type: none"> <li>* investigate and analyse products</li> <li>* evaluate their ideas and products against their own design criteria</li> </ul>	<p align="center"><b>Drawing and Painting</b> <b>Observational drawing of plants – Artist, Georgia O’Keefe</b></p> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>* create sketch books to record their observations and use them to review and revisit ideas</li> <li>* to improve their mastery of drawing and painting with a range of materials</li> </ul>
<p align="center"><b>R.E.</b> Area of study:</p>	<p>Pupils should be taught:</p> <p><b>Why are holy books important?</b></p> <ul style="list-style-type: none"> <li>* to demonstrate awareness that the Bible is a special book for Christians</li> <li>* to understand that the Bible teaches Christians how to live</li> <li>* to understand that all religions have holy Books</li> </ul> <p><b>How do Jesus’ parables help Christians live their lives?</b></p> <ul style="list-style-type: none"> <li>* to be able to retell some stories Jesus told and explain what they mean to Christians</li> </ul> <p><b>British Values: an acceptance that other people are free to choose different faiths/beliefs and this is protected in law</b></p>	<p align="center"><b>Physical Education</b> Area of study:</p>
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