

# Year 5 – Autumn Curriculum Overview

'Each and Every Child' ... EXCELLENCE - TRUST - WISDOM - FRIENDSHIP - ENDURANCE

Science	History	Geography
<p><b>Unit:</b></p> <p><b>Separating Mixtures</b></p> <ul style="list-style-type: none"> <li>Know that mixtures and pure substances are formed of different particle structures, including solids, liquids and gasses</li> <li>Know the difference between a solution, solvent, solute and identify substances that are soluble and insoluble</li> <li>Know how materials and solutions can be separated (filtration, evaporation, sieving and magnetism)</li> <li>Know how to explain reversible and irreversible changes</li> </ul> <p><b>Energy</b></p> <ul style="list-style-type: none"> <li>Know that energy is needed by living and nonliving things and that it can be transferred but never used up</li> <li>Know that there are different types of energy stores and that resources for these stores can be used up</li> <li>Know that energy is transferred in a food chain</li> <li>Know what the energy store is within a circuit and how this energy is then transferred and changed by devices</li> </ul>	<p><b>Unit: Benin Kingdom</b></p> <ul style="list-style-type: none"> <li>Know how the Benin Kingdom began</li> <li>Know what life was like for the Edo people in the Benin Kingdom</li> <li>Know what goods were traded between Benin and European countries.</li> <li>Know what the Transatlantic Slave Trade was.</li> <li>Give examples of cultural artefacts from the Benin Kingdom</li> </ul>	<p><b>Unit: Slums</b></p> <ul style="list-style-type: none"> <li>Know what a slum is, and where some can be found (L1)</li> <li>Know some similarities and differences between slums (L2)</li> <li>Know examples of challenges faced by those who live in slums (L3)</li> <li>Know examples of how slums can be improved (L4&amp;5)</li> </ul>
Computing	Art and DT	Religious Education
<p><b>Unit: Video Editing</b></p> <ul style="list-style-type: none"> <li><b>Video Editing:</b></li> <li><b>Know video as moving pictures combined with audio</b></li> <li><b>Know that video can be captured automatically</b></li> <li><b>Know the features of a good video and how a video can be improved.</b></li> <li>Be able to: <ul style="list-style-type: none"> <li>plan a video production using a storyboard</li> <li>use a recording device</li> <li>pan left and right, up and down -focus, zoom and compose -locate a video captured on a device</li> </ul> </li> <li>select a section of a video and apply effects, delete sections, crop and split sections. .</li> </ul>	<p><b>Art Unit: Batik</b></p> <p><b>By the end of this unit pupils will know that :</b></p> <ul style="list-style-type: none"> <li>Know that sketched lines are used to map concepts on a surface. A loose grip can also suggest movement in an artwork.</li> <li>Know that 3D objects have a tactile texture and when this is captured in a drawing it is called implied texture</li> <li>Know how to create all colours and mix colours needed for artwork (including watercolours and acrylics).</li> <li>Name 'earthy' tones (colours found in the ground or soil) and explore how to create them.</li> </ul>	<p><b>Unit:</b></p> <p><b>5.1 Sacred Texts</b></p> <ul style="list-style-type: none"> <li>that Christians believe that the Bible is the inspired word of God.</li> <li>that there are many translations of the Bible.</li> <li>that the Bible and other holy books guides believers and affects their daily lives.</li> <li>about the origin and content of holy books from the world faiths I have investigated</li> </ul> <p><b>5.2 Christmas</b></p> <ul style="list-style-type: none"> <li>holy scriptures are valued by faith followers because believers say they come from God</li> </ul>

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<p><b>Sharing Information</b></p> <p>Know that computers can be part of a system in an electronic device and can be connected together to form systems.</p> <p>Know input, output and process in larger computer systems and how information is transferred using agreed protocols.</p> <p>Know that data is transferred in packets</p> <p>Know the role of computer systems in our lives and that connection between computers allow us to access shared stored files.</p>	<ul style="list-style-type: none"><li>• Know about the art of Nike Davies-Okundaye and the Benin Kingdom.</li></ul> <p><b>Food: Making Bread</b></p> <ul style="list-style-type: none"><li>• Know how to use and select appropriate equipment and utensils to prepare and combine food.</li><li>• Know the origins of the ingredients needed e.g. flour</li><li>• Know the term seasonality and demonstrate through their ingredient choices.</li><li>• Know how to make bread, based on their design following a recipe</li></ul>	<ul style="list-style-type: none"><li>• that the nativity story is found in the Gospels of Matthew and Luke</li><li>• the true meaning of Christmas is a celebration of the birth of Jesus, the Son of God, Messiah.</li><li>• where the nativity fits into God's Big Story</li></ul>
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