

Year 4 - Beech – Autumn Curriculum Overview

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

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

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<p>Sharing Information</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>	<p>DT Unit: Food: Making Bread</p> <ul style="list-style-type: none">• Know how to use and select appropriate equipment and utensils to prepare and combine food.• Know the origins of the ingredients needed e.g. flour• Know the term seasonality and demonstrate through their ingredient choices.• Know how to make bread, based on their design following a recipe	<ul style="list-style-type: none">• the true meaning of Christmas is a celebration of the birth of Jesus, the Son of God, Messiah.• to know where the nativity fits into God's Big Story
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