

# Year 3 – Autumn Curriculum Overview

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

Science	History	Geography
<p><b>Unit:</b></p> <p><b>Rocks</b></p> <ul style="list-style-type: none"> <li>Know that rocks and soil differ in their appearance and properties</li> <li>Know that there are different types of rocks and how they are formed</li> <li>Know that fossils are evidence of life and how they are formed</li> </ul> <p><b>Light</b></p> <ul style="list-style-type: none"> <li>Know how shadows are formed and why they can vary in size and direction</li> <li>Know that the light from the sun can be damaging</li> <li>Know that light is needed to see things and that dark is the absence of light</li> <li>Know that some materials reflect more light than others</li> </ul>	<p><b>Unit: Stone Age to Iron Age</b></p> <ul style="list-style-type: none"> <li>Know which animals survived during the Ice Age.</li> <li>Know at least one era from the Stone Age.</li> <li>Know what homes were like in a Stone Age settlement.</li> <li>Know why bronze was used for tools and weapons.</li> <li>Know about Skara Brae and Stonehenge and what Historians can learn from these places.</li> </ul>	<p><b>Unit: Villages, Cities and Towns</b></p> <ul style="list-style-type: none"> <li>Know what population density is (L1)</li> <li>Know that natural resources are important for settlements e.g. rivers. (L2)</li> <li>Know how settlements can differ(L3).</li> <li>Know how to compare land use In different settlements (L4&amp;L5)</li> </ul>
Computing	Art and DT	Religious Education
<p><b>Unit: Stop Frame Animation</b></p> <ul style="list-style-type: none"> <li><b>Know that an animation is made up of a sequence of images which can be drawn or captured</b> and be able to capture a series of images and move a subject between captures.</li> <li><b>Know the relationship between frames and motion</b></li> <li><b>Know the terms composition, stage and capture area.</b></li> <li><b>Know that a capturing device needs to be in a fixed position.</b></li> <li><b>Know how to fix mistakes in captured images</b> and play a sequence of images back to review and remove images to improve an animation</li> <li><b>Desktop Publishing:</b></li> <li><b>Know landscape and portrait as page orientations.</b></li> <li><b>Know how different font styles and effects are used for particular purposes.</b></li> <li><b>Know that DTP pages can be structured with placeholders.</b></li> <li><b>Know the following features used to publish:</b></li> <li>-add images</li> <li>-manage layout</li> <li>-shift to add capital letters</li> </ul>	<p><b>Art Unit: Portraits: Cave Painting Inspired Art. Indigenous Australians</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 directional shading can influence a shape's 3D appearance.</li> <li>Know and demonstrate how to achieve different effects using the same media (oil pastels, charcoal, and pencils – pressure and blending).</li> <li>Know that highlighting areas of a drawn object with white, can create the illusion of reflected light – 3D effects demonstrate their knowledge in their work</li> <li>Know that H pencils are hard will produce light marks</li> <li>Use their sketchbooks to express feelings about a subject and to describe likes and dislikes.</li> <li>Use their sketchbooks to express feelings about a subject and to describe likes and dislikes.</li> </ul>	<p><b>Unit:</b> <b>Harvest</b></p> <ul style="list-style-type: none"> <li>that Christians celebrate the harvest and is a way of thanking God.</li> <li>that the Bible gives instruction that people should give their first and their finest grain.</li> <li>that communities around the world celebrate the harvest in different ways.</li> <li>that charities help those who do not have a good harvest by providing food and support</li> </ul> <p><b>Christmas</b></p> <ul style="list-style-type: none"> <li>that Jesus is called Emmanuel and that means God with us.</li> <li>that Christians believe Jesus is God's son.</li> <li>that Christians believe the presence of God changes lives</li> </ul>

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- -return key to create paragraphs

## Connecting Computers

**Know what an input is and that a process acts on the input** and demonstrate this using a digital device.

**Know that an output is produced by the process and identify how changing the process can affect the output** and demonstrate this using a digital device.

**Know that a digital device is made up of several parts** and explain the role of the switch, server and wireless access points.

**Know how devices in a network are connected and that they are made up of a number of components.**

**Know how information is passed through multiple**

## Food: Making Sandwiches

- Know that a healthy diet is made up from a variety and balance of different food and drink, as depicted in 'The Eat well plate'
- Know how to use a range of techniques such as chopping (claw & bridge) peeling, grating and spreading
- Know that food can be grown, reared, caught and processed.
- Know where the ingredients come from (e.g. ham from a pig)
- Know how to apply their knowledge of food preparation and healthy eating to make a sandwich.