

Year 3 – Spring Curriculum Overview

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

Science	History	Geography
<p>Unit: Organisms</p> <ul style="list-style-type: none"> Know what the main food groups are Know that humans need a balanced diet Know the function of a skeleton Know key organs in the human body Know that some organisms have endoskeletons, exoskeletons or neither <p>Unit: Plants</p> <ul style="list-style-type: none"> Know that oxygen and carbon dioxide are found in the air Know the function of different parts of a plant Know the four main stages of the plant's life cycle (germination, pollination, fertilisation, seed dispersal) 	<p>Unit: Early Civilisations - Shang Dynasty</p> <ul style="list-style-type: none"> Know how the Shang Dynasty began Know who Fu Hao was and explain how we know about her Know how the Shang Dynasty ended Know how the Shang Dynasty created and used Chinese writing Explain what life was like for people of the Shang Dynasty 	<p>Unit: Mountains, Volcanoes and Earthquakes</p> <ul style="list-style-type: none"> Know the structure of Earth: inner core, outer core, mantle, crust Know how tectonic plates create fold mountains and/or earthquakes Give examples of the impact of an earthquake and/or volcanic eruption
Computing	Art and DT	Religious Education
<p>Unit: Sequence in Music and Branching Databases</p> <ul style="list-style-type: none"> Know that a program starts because of an input. Know what a sequence is and a program includes sequences of commands and that this is the process. Know that the order of commands can affect a program's output. Know that different sequences can achieve the same output and different outputs. Know questions with yes/no answers and data that can be collected to answer questions. Know an attribute to separate objects into similar sized groups. Know how to use two levels of branching databases using AND. Know the information shown in a pictogram with a branching database. 	<p>Art Unit: Chinese Lanterns</p> <p>By the end of this unit pupils will know that :</p> <ul style="list-style-type: none"> Know that H pencils are hard and will produce light marks Know that B pencils are soft and will produce darker tones – best used for tonal drawings and shading. Know that directional shading can influence a shape's 3D appearance. The application of tone shows a clear contrast between dark, mid and light. Using shading, their objects can begin to possess form. Directional, and contour shading aids this. The blending of tones is smooth without clear intervals of contrast Plan, refine and alter their drawings as necessary. 	<p>Unit: Changemakers</p> <ul style="list-style-type: none"> that Jesus is called Emmanuel and that means God with us. that Christians believe Jesus is the son of God that Christians believe their faith in God changes their own and others' lives <p>Unit: Easter</p> <ul style="list-style-type: none"> that the events of Holy Week reveal what Jesus came to earth to do. that the events of Holy week can be seen as both joyful and sad the different ways in which the church remembers and marks the events of Holy Week

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DT Unit: Textiles

- Know how to securely join two pieces of fabric together.
- Know what a seam allowance is. Know how to do running stitch and whip stitch.
- Know the need for patterns and seam allowances.
- Know what a pattern piece is and use them in the making of the final product.
- Know different ways to fasten e.g. button and button hole, velcro and zip.