

Year 5/6 - Elder - Spring Curriculum Overview

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

| Science | History | Geography |
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| <p>Unit: Light</p> <ul style="list-style-type: none"> Know that when light meets an opaque object, some of the light is reflected and some of it is absorbed Know that objects emit (give out) or reflect light into the eye. Know that the eye is made of many parts and this is how we see <p>Unit: Further Classification</p> <ul style="list-style-type: none"> Know that invertebrates can be grouped based on their characteristics Know that arthropods can be grouped into four sub-groups (spiders, insects, crustaceans, myriapods) Know that fungi are different plants and animals Know a variety of different microorganisms | <p>Unit: American Civil Rights</p> <ul style="list-style-type: none"> Know key differences between 1950's America for white/black people. Know what Jim Crow laws & etiquette were Know what is meant by 'non-violent civil disobedience' and give an example. Know why many people marched from Selma to Montgomery. Know what caused the Black Lives Matter movement and why it is important | <p>Unit: Globalisation</p> <ul style="list-style-type: none"> Know the term globalisation Know the impact of communication or transport on globalisation Know at least one positive and one negative impact of globalisation |
| Computing | Art and DT | Religious Education |
| <p>Unit: Variables in Games and Spreadsheets</p> <ul style="list-style-type: none"> Know variables as something that is changeable and give examples. Know a program variable as a placeholder in memory for a single value. Know that a variable has a name and a value and this can be updated, but there is only one value at one time. Know that variables can hold numbers or letters. Know the importance of setting up a variable at the start of a program. Know that the name of a variable needs to be unique and is meaningless to the computer. Know that objects and artefacts can be described using data. Know that there are different software tools to work with data. | <p>Art Unit: Sketching and Mixed Media Landscapes (Vanessa Gardiner and Kittie Jones)</p> <p>By the end of this unit pupils will know that :</p> <ul style="list-style-type: none"> Know the concept of perspective, foreground and background To know that perspective allows artists to portray form in their artwork. know that flat fan brushes have hairs that spread, and are good for smoothing, blending and feathering know that tone can affect the ability to create form | <p>Unit: The Eucharist</p> <ul style="list-style-type: none"> that the Eucharist is an important celebration for Christians worldwide that Christians believe there is a direct link between the life and words of Jesus and the Eucharist. <p>Unit: The Exodus</p> <ul style="list-style-type: none"> that the Exodus is a significant event in Jewish and Christian history. that the Seder is the special meal celebrated by Jews on the first evening of the festival of Passover. that Christianity is rooted in Judaism and Jesus celebrated the Passover. that for Jewish people the events of the Exodus and Passover are very important. |

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- Know that formulas can be used to produce calculated data.
- Know why data should be organised.

DT Unit: Mechanisms

- Know what an input, process and output is.
- Know that mechanical systems have an input, process and an output.
- Know what a gear and pulley is and demonstrate their use in their design
- Know how gears and pulleys can be used to speed up, slow down or change the direction of movement.