

Year 4 – Spring Curriculum Overview

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

Science	History	Geography
<p>Unit: Electricity</p> <ul style="list-style-type: none"> Identify electrical appliances Explain safety issues Identify common conductors and insulators - link this to electrical safety Construct, draw and label a simple circuit Explain why a bulb may not light e.g. switch, broken circuit. <p>Unit: Animals inc Humans</p> <ul style="list-style-type: none"> Know the functions of body parts linked to the digestive system: mouth, oesophagus, stomach, small and large intestine, and anus Know different types of teeth and describe their functions: incisors, canines, molars Know how to construct food chain diagrams that identify producers, consumers, predators and prey 	<p>Unit: Anglo-Saxon Britain</p> <ul style="list-style-type: none"> Know who the Anglo-Saxons are and the reason they came to Britain Know what an Anglo Saxon village was like Know the heptarchy and how The Anglo Saxons organised Britain. Know why the Angllo-Saxon era was called the Dark Ages Know why Alfred was known as 'The Great'. 	<p>Unit: Migration</p> <ul style="list-style-type: none"> Know the push and pull factors why people migrate Know at least one advantage and one disadvantage of migration Know what a refugee is.
Computing	Art and Design and Technology	Religious Education
<p>Unit: Repetition in Shapes and Data Logging</p> <ul style="list-style-type: none"> Know what 'repeat' means and that repetition is included within sequences. Know that we can use a loop command in a program to repeat instructions. Know patterns and loops within a sequence and program. Know that there are count controlled loops and indefinite loops and explain their purpose. Know when to use a loop and when not to and plan a program using appropriate loops. Know the importance of instruction order in a loop. Know how to use a digital device to collect data automatically. Know that sensors are input devices and can be used for data collection. Know that sensors are input devices and can be used for data collection. 	<p>Art Unit: Saxon Style Jewellery</p> <p>By the end of this unit pupils will know that :</p> <ul style="list-style-type: none"> Know that texture can be manipulated via different methods and techniques such as layering, stippling and different types of mark making. Know which pencils they must use based on their properties. Eg. 2B pencil would be appropriate for mid to dark tones Know that cross hatching and hatching can be used to show areas of light and dark. Close and layered lines show darker areas of an object. Know that erasers can be used expressively to create texture in a drawing. Know the difference between the terms shade (mixing colours with black) and tone (mixing colours with grey) Know the difference between brushstrokes (including stippling and 	<p>Unit: Values:</p> <ul style="list-style-type: none"> key stories in the life of David. Key stories in world faiths that I recognise values that I know to be important. <p>Unit: Easter</p> <ul style="list-style-type: none"> that trust and forgiveness are key values for people of faith. that Christians believe that the events of Holy Week and Easter are key to understanding what Jesus came to earth to do. Christians believe they can trust Jesus

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- dry brushstrokes) to create different effects.
- Know that paintbrushes can differ in appearance and purpose: Detail round brushes have short hairs. They are a good choice for working on details and making short strokes to help create realism. - Flat square end brushes are good for bold strokes, washes and filling wide spaces.
- Define and combine visual and tactile qualities and apply these in their own 3D work.
- Understand that designers and makers sometimes work towards briefs but always bring their own experiences to the project.

DT Unit: Cooking and Nutrition

- Know how to use a range of techniques such as chopping (claw & bridge) peeling, grating and spreading. Use sharp knives. know that to be active and healthy, food and drink are needed to provide energy for the body
- 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 that food can be grown, reared, caught and processed.
- Know where the ingredients come from (e.g. cheese from dairy)