

Year 4 – Spring Curriculum Overview

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

Science	History	Geography
<p>Unit: Particle Model & States of Matter</p> <ul style="list-style-type: none"> • Know that substances are made of particles • Know why substances are classified as solids, liquids and gasses • Know that a substance can change state and how this happens • Know how evaporation and condensation form part of the water cycle <p>Unit: Sounds</p> <ul style="list-style-type: none"> • Know the link between vibrations and sound • Know the difference between pitch and volume • Know that sound cannot travel in a vacuum 	<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 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 	<p>Unit: Values:</p> <ul style="list-style-type: none"> • To recognise important values in key stories such as the life of David. • To know some key stories from 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

Year 4 – Spring Curriculum Overview

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

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)