

## Year 4 Curriculum Overview – Spring Term

### English

Children will be taught a variety of fiction and non-fiction genres, such as persuasive writing, diary entries and poetry. Emphasis will continue to be placed on the correct use of punctuation and grammar and children will be taught new spelling rules with strategies to support their writing. A greater focus will be on reading so children can show their understanding through the completion of reading comprehensions and develop a deeper understanding of what they have read.

### Maths

During this term, children will be learning the 12 hour and 24-hour clock and the conversion between these. They will develop efficient written and mental strategies for multiplication and division and apply these to reasoning questions. Towards the end of the term, they will count squares to find the area of a shape and apply these skills when comparing area. Next term half term, we will focus on fractions and decimals, using bar models and part whole models to find fractions of quantities, as well as looking at the equivalence between fractions and decimals. Children will consolidate their multiplication facts and number bonds.

### Science

During the first half term, children will be learning about 'Sound'. They will learn to identify how sound is made, how sound travels from an object to the ear and work scientifically to investigate the making of different pitches. In the second half term, children will be learning about 'Different States of Matter'. This unit teaches children about liquids, solids and gases. They will work in small groups to investigate solids turning to a liquid and learn about the water cycle.

### Computing

Children will use the Espresso app to learn about variables and creating conditional events when coding. They will then apply these skills to design and create their own app, which uses variables and particular conditional events when it runs. During the second half of the spring term children will become 'HTML Editors', they will develop their understanding of webpages by creating their own page and further develop their understanding of coding.

### Geography

In Geography, children will be focusing on the Polar Regions. They will learn to name and locate different places, whilst comparing climates and identifying topographical features such as ice-shelves and glaciers. Children will also consolidate their knowledge of the 7 continents and 5 seas as well as naming countries and capitals within Europe.

### History

Children will continue their journey through time and explore the Anglo Saxons, why they came and why they took over parts of Britain after the Romans. Children will develop their research and analytical skills by researching life in Saxon villages. They will find information about specific jobs using a range of resources. To further this, children will compare Anglo Saxon life with modern life as well as analyse Anglo-Saxon artefacts to help describe and conclude who is buried at Sutton Hoo.

### Art

Children will improve their drawing skills while consolidating their understanding about landscapes. Their final work will be inspired by David Hockney's artwork so they can then create their own painting of a forest. During the second half term, children will explore the use of different materials to create a collage. They will learn about Henri Rousseau's Tiger and his use of pattern to inspire their own ideas.

### Design & Technology

Children will be making a floating garden focusing on the different processes that involve investigation, design, plan, make and evaluate. This unit is linked to the 'Sustainable Development Goals', where children will be learning about the effects of flooding and climate change in parts of the world. Children will develop their basic skills of measuring, building structures and considering which material will float.

### PSHE

Children will be learning about what boundaries are and how to respect them. They will learn about the negative effects of discrimination, how their choices and actions can hurt others and how to ask for help if they, or someone they know is being bullied. Children will also learn about the importance of health and safety within school and what to do in case of an emergency. Furthermore, children will also continue to develop strategies for staying safe online and why laws and rules are essential for keeping safe.

### RE

Children will learn about religious and non-religious people who inspire others. They will learn how choices can be made between right and wrong and discuss how religion can act as a code of conduct for believers. They will also reflect on their own inspirational people in their own lives and identify the qualities that make them inspirational.

### Physical Education

Pupils will have outdoor P.E sessions. For this term, pupils will use tennis equipment and balls to develop hand eye coordination games, developing their confidence and skills using different equipment. They will also complete a number of running and sprinting exercises under timed conditions building pupils stamina and agility. Pupils will have the opportunity to complete orienteering tasks which will develop their skills in planning a route, directional awareness and reflexes. Pupils are expected to wear their P.E Kits to school, on their allocated PE days.

### Music

This term, pupils will be focusing on rhythmic ensembles. Initially they will begin with samba music, performing syncopated rhythms and where possible move onto layering musical texture. We will learn about a range of percussion instruments, ensembles and read simple rhythmic notation.