

Seaham Trinity Primary School – Spring Curriculum 2024 – Year 5

English

All aspects of Speaking and Listening, Reading, and Writing with additional focus on stories from a significant author. The children will write reports based on their topic work. They will write extended sentences using a variety of adjectives to describe, punctuate and expand paragraphs. We will study texts such as Matilda. Our focus shall be given to Spellings and Reading throughout the term. We will be focusing on building on and consolidating spelling patters from Year Two to Year 5. In reading we will be focusing on comprehension skills such as inference, retrieval, and deduction.

Maths

All aspects of Maths including developing understanding of place value and multiplying by 10 and 100. Understanding the value of each digit in a number. Solving problems for all four functions using a variety of strategies including mental and written techniques. Extra focus on learning and recall of times-tables facts. Continuing with the use of Times Tables Rock Stars.

RE

This unit will build on work from KS1 work in relation to Christian Harvest and belief in God as creator. There is some reference to how these beliefs are reflected in Christian values and practice, but their main impact will be dealt with in other units. Throughout this unit, pupils will be encouraged to ask puzzling/interesting questions and suggest reasons. these can be used for final unit discussion and display. Pupils will learn about some key Christian beliefs about God expressed through metaphor, myth and symbol and begin to consider what impact these beliefs will have on the lives of Christians: Knowledge and Understanding of Christianity. They will have the opportunity to ask and respond to questions which are raised through learning about Christian beliefs about God. They will express their views on some of these questions, supporting them with plausible reasons: Critical

Science

Earth and Space

As Scientists children will discover the wonders of our solar system and other solar systems. We will learn about the rotation and movement of planets around the sun, linked to time and seasons. Children will be able to identify planets and their position from the sun, understanding the role and importance of gravity. Linking to previous work covered in Geography children will be able to link the position of the Earth to the equator, understanding the significance of lines of longitude and latitude.

Animals including humans

In this unit the children will identify the key stages of the mammal's life cycle and explore their gestation period. The children will compare the life cycles of amphibians and insects and understand the cycles of birds and reptiles. Research into David Attenborough's work, and life will be researched and his significance in the science we understand today.

Computing

In this unit, the children will use a variety of programs and internet-based search engines to support our Topic Research program into continents and environmental Biomes. They will develop filtering techniques to help narrow searches and enhance their skills into appropriate search options to help find exactly what they need. The children will also explore a range of alternative ICT based software to help with our research. They will work on writing simple computer programmes, to control technology and gain an understanding of E-safety. Looking specifically at how to protect themselves and personal information, when online.

Design Technology

Felt Case Design

The children will design and make a case out of felt material. They will use embroidery stitches to join the case and add their own embellishments.

Geography

This unit fuels pupils' curiosity about the shape of the earth beneath their feet. It uses dramatic landscape features to prompt questions about and investigation of the shaping of the land. Pupils enjoy finding out about their living, ever changing world and thinking about how human activity is changing the shape of the land in new ways. This unit builds on the local, national, and continental scale previously studied moving study to a global perspective and examples are deliberately chosen from around the continents. It is useful to have a large map of the world and add the example places. This unit starts to add depth to pupil understanding of the interaction between physical processes and the formation of landscapes and landforms. The unit focuses on basic physical processes that shape the landscape and bring change over time. The unit links back to the coastal fieldwork completed in Y4 and river fieldwork done in Y3. This allows teachers to encourage pupils to recall prior knowledge and use this as a basis for new material. The sequence of lessons includes work on the role of climate in shaping our world and goes beyond the national curriculum to lay the foundations for understanding of the role of ice in shaping the land which is picked up later in geography. The knowledge in this unit prepares pupils for more detailed work on Prior Curriculum Experience: (Factual, Skills, Experience): Physical and human feature definition, coastal processes, action of rivers, knowledge of climate and weather variation in different parts of the UK and Europe.

Music

In this unit the children will perform, listen to, review, and evaluate music across a range of historical periods, genres, styles, and traditions, including the works of the great composers and musicians. They will learn to sing and to use their voices, to create and compose music on their own and with others, have the opportunity to learn a musical instrument, use technology appropriately and have the opportunity to progress to the next level of musical excellence. The children will understand and explore how music is created, produced, and communicated, including through the inter-related dimensions: pitch, duration, dynamics, tempo, timbre, texture, structure, and appropriate musical notations.

PSHE/RSE

The children will make a distinctive difference between 'direct' and 'indirect' bullying. They will discuss and consider the different ways in which people can have powers over others. They will begin to understand the main reason why people bully, and techniques used to deal with it. The children will explore a variety of types of bullying, and how these can all have a devastating effect on an individual if the bullying remains an issue. They will also explore a range of strategies for managing our own feelings in bullying situations, and problem solving when we are part of one.

PE

Gymnastics – Working together

Children will continue to improve their gymnastic skills, focusing on core strength and extending muscles. Children will compose a sequence, working with a partner or team linking a combination of movements within a given space and apparatus.

Art and Design

Painting

Children will be mixing pure watercolours to create tertiary colours. They will be looking at the work of Artist Henry Matisse and his use of shape and colour. They will be focusing on the painting "Open Window" and also looking at the picture book "Window" by Jeanne Baker. From these sources the children will gather ideas to create their own unique open window painting.

