

Design and Technology

Children will learn how food is grown, reared and caught in the UK, Europe and the wider world. They will understand that seasons may affect the food available and how food is processed into ingredients. Children will be able to demonstrate a range of baking and cooking techniques such as chopping and slicing, by making a miner's broth. They will discuss how food is grown in allotments and how the process is repeated.

PSHE

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.

Art

In this unit the children will begin to explore a variety of drawing techniques. They will use proportion, line, tone and shading to draw images of a range of shells. The children will begin to develop an awareness of dark, light, shape, form, pattern and texture in their drawing. This will then lead to a focus on printing their images, using a range of techniques and skills.

Children will be developing their collage skills, using a range of materials to create a collage. They will be visiting Seaham Beach, to collect materials for their work. This work links to the book 'Where the forest meets the sea' which they will be studying throughout the art topic.

Year 5 - Curriculum Map - Summer Term 2021

Literacy

All aspects of Speaking and Listening, Reading and Writing with additional focus on stories from a significant author. We will be looking at the story of Alma and then writing setting descriptions, character descriptions and narratives, focusing on suspense. They will write extended sentences using a variety of adjectives to describe, the correct punctuation and paragraphs. Children will also answer comprehension style questions about texts, based around our class novels. Additional focus shall be given to Spellings and handwriting throughout the term, with daily and lessons.

Maths

All aspects of Numeracy including consolidating their understanding of all topics covered in both autumn and spring terms. Children will be completing the fraction unit, developing their understanding of fractions, decimals and percentages. We will be learning about shape, angles, statistics and measurement, throughout the summer term.

PE

The children will be learning the core skills of tennis. The children will learn how to hold the racket and the standing position. They will learn how to hit the ball and volley the ball. They will also learn the rules and different conventions of tennis and play a mini game in pairs. In the second half of the term the children will move on to the cricket unit. The children will learn how to play cricket and the rules and skills.

Science 1: Living things and their habitats

The children will learn and be able to describe the differences in the life cycles of a mammal, an amphibian, an insect, and a bird. They will also describe the life process of reproduction in some plants and animals.

Science 2: Properties and changes of materials

The children will compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. The children will learn that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution. They will use knowledge of solids, liquids, and gases to decide how mixtures might be separated, including through filtering, sieving, and evaporating. They will be able to give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. The children will demonstrate that dissolving, mixing and changes of state are reversible changes. They will be able to explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

Music

We will be learning to play the tin whistle and read notation for playing simple nursery rhymes and scales.



ICT

In this unit, the children will use a variety of programs and internet-based search engines to support our geography topic. They will be looking at a range of maps, both old and new, which will enable them to understand what changes have taken place in the local area. 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.

RE

The children will learn about the Bible and why it is important to Christians. They will develop their understanding of the new and old testament and look at a range of stories from both. Children will be discussing the morals behind the stories and comparing them to modern day stories. They will also be further developing their understanding of Judaism and discussing rituals and festivals. This will continue on from the work completed in the autumn term. Children will then discuss any similarities/differences between Christianity and Judaism, with the chance to reflect upon their own values and beliefs.

Geography

This term, children will be completing a study of Australia, as part of a Geography week throughout school. They will be looking at climate change, recent events such as bush fires, the key landmarks and how people live on the other side of the world. Children will also be able to Confidently locate counties and cities of the United Kingdom, identify County Durham on a map, and identify cities such as Durham, Sunderland and Newcastle using an atlas. Following this, they will discuss the differences between counties, cities and towns and classify Seaham. Children will be able to identify how aspects of human and physical geography have changed over time. They will be able to compare the changes over time of the Blast Beach, whilst completing a field trip to investigate first-hand the changes.