

Year 4 Autumn Term - What happens when the land meets the sea?

Science

In our 'States of Matter' unit the children will investigate solids, liquids, and gases. Working like a scientist the children will know that materials can be grouped into solids, liquids and gases, understand that some materials change state when they are heated or cooled, know the temperature at which change of state occurs in degrees Celsius (°C), know the part played by evaporation and condensation in the water cycle and know that the rate of evaporation is associated with temperature.

Additionally, the children will also study 'Living things and their habitats' this term. Working like a scientist they will know that living things can be grouped, know some of the ways they can be grouped, name a variety of living things in our local and the wider environment, know some of the ways that environments can change and know that change sometimes poses danger for living things.

Music

As musicians this term the children will be listening and appraising five songs, they will recall them from memory and know who sang or wrote them. The children will identify and move to the pulse and talk about the music and how it makes them feel.

They will talk about the instruments used in class and will rehearse and perform, and listen to and follow musical instructions. The children will be able to talk about improvisation and improvise using instruments they are learning to perform.

PE

Invasion game to develop: Physical skills – defending and attacking, skill and control. Thinking skills – tactics, adapting to the game. Team skills – selecting positions, encouraging teammates. Gymnastics developing: Sequencing, balancing, travelling, jumping, rolling and partner work.

Maths

- Count in multiples of 6, 7, 9, 25 and 1,000
- Find 1,000 more or less than a given number
- Count backwards through 0 to include negative numbers
- Recognise the place value of each digit in a four-digit number
- Order and compare numbers beyond 1,000
- Identify, represent and estimate numbers using different representations
- Round any number to the nearest 10, 100 or 1,000
- Solve number and practical problems with increasingly large positive numbers
- Read Roman numerals to 100
- Add and subtract numbers with up to 4-digits
- Estimate and use inverse operations to check answers to a calculation
- Convert between different units of measure (for example, km to m and hour to minute)
- Measure and calculate perimeter of a rectilinear figure in cm and m
- Multiply and divide mentally, including by 0 and 1

English

Reading

- Listening to and discussing a wide range of texts
- Using dictionaries to check the meaning of words
- Drawing inferences and justifying these with evidence
- Predicting what might happen from details stated and implied
- Retrieving and recording information from non-fiction

Writing

- using further prefixes and suffixes
- Accurately placing the possessive apostrophe
- Writing from memory simple sentences, dictated by the teacher
- Increase the legibility, consistency and quality of their handwriting
- Planning, drafting, evaluating and editing their own work
- Using a wider range of conjunctions including when, if, because, although
- Using the present perfect form of verbs
- Using conjunctions, adverbs and prepositions to express time and cause
- Using fronted adverbials
- Choosing nouns and pronouns appropriately for clarity and cohesion
- Using and punctuating direct speech

Geography

This term we will be completing a Coastal investigation.

The children will develop their knowledge of locations, places, and the human and physical features of these, along with processes that shape the coast. They will explore coastal protection and the impact on people and landscapes.

Working like a geographer the children will be using geographical information from OS maps, information texts, photographs and fieldwork. We will be planning, devising questions, gathering data, analysing, and processing and evaluating.

RE

What do we know about the Bible and why is it important to Christians? Why do Christians call Jesus the light of the world? These are the enquiry questions we will be exploring and discussing this term.

The children will develop their knowledge of individual religions and beliefs. They will give opinions, listen to and respond to the views of others and reflect on their own beliefs, values and experiences.

Art, Design & Technology

The children will learn about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work. As artists they will develop their techniques, including their control and their use of materials.

In DT the children will be learning to understand and apply the principles of a healthy diet, measuring ingredients accurately and preparing a savoury dish following a recipe.

Computing

Building on Year 3 skills, we will be focusing on Online safety and Digital literacy skills, knowing that pictures and text shared on-line can end up with strangers and knowing what to do if they are exposed to unpleasant materials on any device. The children will also build their Information Technology skills, learning how to change font size and style; include shapes and backgrounds and how to use the Spellcheck function as well as using a sequence to create an effective presentation and be able to deliver this to their peers.

French

While recapping previous learning we will also have a weekly phonic focus. We will be learning colours and parts of the body describing the weather and learning the days of the week.