

Scientific and technological understanding

Grouping and changing materials: we will explore different materials and where they come from, looking at the difference between natural and manmade. We will investigate how materials change through stretching, heating, etc. For instance, we may observe how water can become steam or ice, or how cooking or fire changes materials. We will plan an investigation to discover how drying/moisture affects foods. **Variation:** the children will become aware of the huge variety in plant and animal life, linked to our topic on Weather. Investigative work will focus on observing, measuring and comparing, (e.g. the movements and habits of mini beasts), as well as recording results in bar graphs. **Computing:** the children will be using Starz to send and receive emails.

Historical, geographical and social understanding

Weather around the World: We will learn about the range of weather experienced in the UK and climates around the world. We will make a comparison of the desert and Arctic climates and learn about how the climate affects the environment and plant, animal and human life in these areas. We will focus on the Inuit people and some aspects of their way of life, both traditional and modern. The children will begin to use resources such as atlases and globes.

Understanding the Arts and Culture

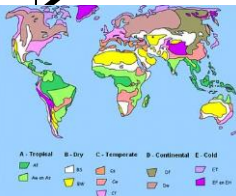
In Music we will be learning about pulse and rhythm and the children will begin to improvise and compose using voice. In Art we will be looking at the work of Andy Goldsworthy and creating our own compositions. In Design and Technology we will be working with clay.

Mathematical Understanding

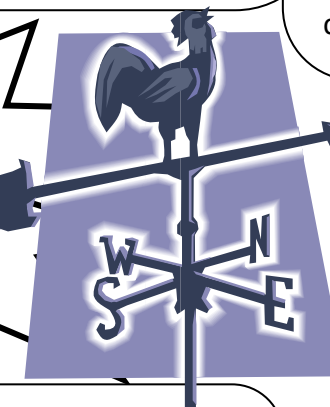
Length: The children will learn how to measure length. They will begin by comparing metres and centimetres and then progress to using them in real life contexts. They will learn that you can measure length, height and width using the same unit. They will compare sizes using greater than and less than symbols. The children will learn how to compare and measure both straight and curvy lines. They will apply their knowledge to solve problems involving addition, multiplication and division. **Mass:** The children will learn about grams and kilograms, reading scales and comparing the weight of different objects. Again the children will apply their knowledge to solving real life problems. **Temperature:** The children will gain experience in measuring different kinds of temperatures. They will learn about Celsius and how to read thermometers. **Data handling:** we will learn to read, interpret, analyse and construct picture graphs.

Understanding English, communication and language

We will be further developing our reading and writing skills by reading a variety of fiction texts and using these as stimuli for creative writing. We will focus in particular on developing empathy. We will be following a simple narrative structure and adding description, including noun phrases and carefully chosen verbs. We will also be reading information texts and learning how to write our own information texts. This will be linked to our topic on weather around the world and our study of the Inuit. The children will continue to explore how a range of punctuation, (full stops, capital letters, question marks, exclamation marks), can be used to enhance meaning.



This term's topic is:
Weather around the World



Understanding physical development, health and well-being:

In PE and Games the children will be learning the skills to play Tri-golf, including developing hand-eye co-ordination, control, power, accuracy and speed. In gymnastics the children will be practising balancing using apparatus, performing sequences individually, in pairs and groups. They will also be developing ball skills such as throwing, catching, receiving, using rackets and striking. Dance will be linked to our topic on the weather.

Social, Moral, Spiritual and Religious Understanding

In Religious Education the children will be learning about life in a Jewish home and the importance of Shabbat by studying artefacts and tasting foods which would be found in the home. In PSHE, the children will be learning about healthy lifestyles. They will also be thinking about how to work together and how disputes can be resolved.