

Autumn 1 Topic Overview

Lower Key Stage 2

Science – How do materials change before your eyes?

In Science, we will be learning about how states of matter can change. We will investigate how solids, liquids and gases can change, using reversible and irreversible changes. We will learn about the properties of materials and why they are suitable for different purposes. Using this knowledge, we will link this to World Space Week where we will design and make a rocket meeting a design criteria.

History – What was life like before the Romans invaded?

This term we will be learning about what life was like before the Romans invaded Britain. We will learn about the 3 Stone Age eras: Palaeolithic, Mesolithic and Neolithic, the Bronze Age and the Iron Age. Children will investigate how life changed for these people, looking at how the houses changed, hunting and farming habits developed and how religion began to be introduced. We will investigate Skara Brae and the importance of this discovery.

Maths

Year 3: We will begin the year recapping numbers to 100 before learning place value and partitioning and representing numbers to 1000. We will order and compare numbers to 1000 and counting in 50's. We will then move on to adding and subtracting 1s, 10s and 100s to and from numbers to 1000. We will spot patterns and make connections to identify efficient strategies.

Year 4: In Maths, we will be starting the year by looking at Place Value. We will be looking at partitioning numbers up to 10,000 and using number lines to estimate and represent numbers up to 10,000. Using this, we will then move onto comparing and ordering these numbers and rounding to the nearest 10, 100 and 1000. We will then move onto Addition and Subtraction where we will learn to add and subtract up to two 4-digit numbers, with and without exchange. We will learn how to use column method and efficient strategies as well as how to estimate and check calculations.

Design & Technology

This term's topic is to design and build a Stone Age dwelling. Children will research houses from the Neolithic era and select suitable materials we can use to create our model. Using methods such as weaving and daubing, the houses we create will be proudly displayed in our end of term exhibition.

English

Writing: In Writing, we will be recapping basic punctuation during the first week, including our Punctuation Pen ceremony! Then, we will learn the features of a setting description, poetry and biographies. We will be learning how to use commas in a list, expanded noun phrases and the five senses. Grammar: In our weekly Grammar lessons, we will be focusing on the different word classes. Spellings: In our Spelling lessons, we will be learning a rule each week, focusing on this during our Transcription sessions and also learning the CEW words for LKS2.

Computing

In Computing, we will be learning how digital devices work, identify input and outputs and explain how computer networks can be used to share information. We will explore the physical components of a network and understand how digital devices can be connected.

PE

Indoor – In indoor PE, we will be learning about the different fundamental skills and apply them within different scenarios. Outdoor – In outdoor PE, we will be learning the skills and rules of Hockey, ending the half term with a tournament in game settings.

Reading

Our book this term is called 'The Stolen Spear' by Saviour Pitotta. The story is set in the Neolithic era around the Orkney Islands in Scotland. The hero of the story, Wolf, sets off on a perilous adventure to recover a sacred stolen spear. Determined to clear his name, he travels far from home with his loyal dog Shadow.