

## Science

Our Science work will focus on the study of animals, including humans. Children will learn the human digestive system and how important teeth are in this process, as well as the need to keep them clean and healthy. They will also find out about food chains and how animals survive in the wild.

## Art/Design

The children will be using a range of materials to replicate cave drawings from the Stone Age period as well as creating their own depictions of animals from that era. They will use their sketch books to practise and record the different skills required. They will also create their own Stone Age jewellery using clay and a range of modelling tools.

## P.S.H.E./R.E.

In **P.S.H.E.**, children will discuss their hopes and fears for the year, their rights and responsibilities and reconnecting with friends in school. They will collaboratively create their own class learning charter, including new rules on hygiene.

In **R.E.**, the children will recap and develop their knowledge of the creation story. They will also learn more about the story behind the harvest festival.

## History

The children will be learning about changes from the Stone Age to the Iron Age including early settlements and the development of tools as well as the development of man from Neanderthals to Homo sapiens. They will also learn how to put dates in chronological order. This will help them to sequence the invention of tools using different materials over time.

# Long Long Ago

## Year 4: Autumn 1 2020

## Computing

The children will be able to decide which problems are to be solved by computers or humans. They will also design multiple solutions to solve a problem.

## Physical Education

In **Outdoor Games**, the children will be learning running, jumping and throwing skills. They will be competing against their own personal scores and then discussing as class how their skills are developing and improving.

## English

### Reading

We will be doing whole class guided reading around the story "The Wild Way Home". Children will discuss character's feelings, story predictions and links to other similar texts.

As well as researching the Stone Age, children will be listening to and discussing a range of poetry, fiction and non-fiction with a Stone Age theme, at a level beyond which they can read independently. They will have opportunities to take turns and listen to what others say.

They will be discussing the meanings of new words, linking new meanings to known vocabulary, and drawing on what they already know.

### Writing

Children will be learning to write letters, newspaper articles and reports using real and fictional events and characters, based on the Stone Age to Iron Age period.

They will begin to plan what they are going to write about and will check their own writing to make sure that they have used punctuation correctly. Children will also use dictionaries to check correct spellings used in their writing. Spellings sent home will be tested weekly.

## Maths

### Place Value

Children will learn to count in multiples of 1000 up to 10,000. They will learn to round numbers to the nearest 10, 100 and 1000. Children will develop their estimation skills and learn to correctly place numbers on a number line. They will also learn to identify and count in negative numbers.

### Addition and Subtraction

Children will be adding and subtracting 1s, 10s, 100s and 1000s. Children will use formal written methods to calculate: Adding and subtracting 3-digit numbers with and without exchange; Adding and subtracting 4-digit numbers with and without exchange. Children will use estimation to check their own answers. Check their own strategies for addition and subtractions. In addition the children will be practising their times tables and numbers bonds weekly in their mental magician tests.