

HISTORY

This term we will learn all about Scientists/Inventors throughout the ages. We will compare and contrast Scientists/Inventors such as Wuxian (Shang Dynasty), Jane Goodall, Newton, Einstein, Marie Curie and Turing. The children will look at the impact of these Scientists/Inventors and the lessons learnt from the past.

MATHS

Children will be taught from the White Rose scheme of learning. This term we will be focusing on the following:

Statistics

- Read and interpret line graphs
- Draw line graphs & use line graphs to solve problems
- Read interpret tables, two-way tables and time tables

Perimeter & Area

- Measure and calculate perimeter
- Measure and calculate area of compound and irregular shapes

Number: Decimals and Percentages

- Decimals as fractions
- Rounding decimals
- Percentages as fractions and decimals

COMPUTING

This term, the children will to search for information in a database, as well as create a database around a chosen topic. We will also learn the basics of concept mapping both individually and in collaborative working groups. Lastly, the children will be learning more about coding: editing an existing text adventure and designing their own adventures based upon it.

PSHCE

We will continue to work through the '1 Decision' PSHCE learning scheme, studying the 'Being Responsible', 'Feelings and Emotions' and 'Computer Safety' modules.

SCIENCE

This term our Science topics will be Materials & Their properties and Living Things and their Habitats.

We will learn about different materials, their uses and their properties, as well as dissolving, separating mixtures and irreversible changes. The children will work scientifically and collaboratively to investigate the best thermal insulator to make a lunch box, making predictions and forming conclusions. Furthermore, they will find out about different ways to separate mixtures of materials, using filtering, sieving and evaporating.

We will learn about the process of reproduction and the life cycles of plants, mammals, amphibians, insects and birds. The children will explore reproduction in different plants, including different methods of pollination and asexual reproduction. They will learn about different types of mammals and their different life cycles. Furthermore, the children will find out about Jane Goodall and her work with the now-endangered chimpanzees in Africa.

GEOGRAPHY

This term, we will discover some of the many ways in which the world around us is changing. From coastal erosion to political changes, there are many factors at work. Children will learn about the structure of the United Kingdom and how its shape and geography have changed over thousands of years. Children will have the chance to predict the future and look at which landscapes might change in their lifetimes.

Art/DT

This term in Art, and linking to the topic 'All Change', we will focus on the Shang Dynasty. The children will research and design their own Chinese dragons. They will draw them in pencil first, and then use the vibrant medium of ink to add colour.

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ENGLISH

Reading: In class, we will explore and respond to our class readers by discussing the story and its meaning. We will draw inferences about the characters' feelings, thoughts, emotions and actions. During guided reading, children will complete comprehension activities to support the development of retrieving and recording information from texts. We will be focusing on drawing inferences in order to justify our reasons or points of view.

Writing: This term, we will be looking at stories from other cultures, recommended by the 'Power of Reading' scheme, such as 'Tales from the Caribbean' by Trish Cooke, to inspire our writing of stories, reports, descriptions and poetry. We will develop our writing skills by looking at model texts and learning their structure, vocabulary and grammar.

Punctuation & Grammar: During the term, we will be introducing new punctuation and grammatical concepts, which the children will begin to apply to their independent writing. These concepts will be revised regularly throughout the year for consolidation.