

SCIENCE

Earth and Space

In our first topic, we will study the arrangement of the planets in the solar system, the phases of the Moon and its and the Earth's movement relative to the Sun in the solar system. We will explain the rotation and orbit of the Earth creating days and years as well as how seasons are caused. Finally, we will investigate several theories relating to the arrangement of stars and planets in the universe.

Properties of Materials: Reversible Changes

After half term, we will explore examples of solids, liquids and gases and the uses of a range of materials. We will conduct tests for hardness, magnetic materials and electrical conductivity as well as investigating porosity, dissolving and evaporation. Finally, we will separate a range of mixtures, including dissolved substances.

HISTORY

The Egyptians

We will be using world maps to locate Egypt and its key features, gaining a chronological understanding of Ancient Egypt and the importance of the River Nile. We will be investigating pharaohs, pyramids, the afterlife, the story of Tutankhamun and the gods as well as using hieroglyphics.

COMPUTING

During the Autumn term we will use Scratch to learn, develop and apply our coding skills.

MUSIC

The children will be taught by Miss Wikeley, who will provide opportunities for children to compose and appreciate music, in addition to understanding relevant terminology. This term will include a study of graphic scores as well as music from the Victorian era. They will study works by famous composers including Elgar and Tchaikovsky.

ART

Art lessons this term will focus on developing children's art skills and their ability to interpret work by different artists. We will focus on 'Portraits' and 'Landscapes' and compare the work of artists, including: Berthe Morisot, Stephen Wiltshire, Roger Colson and Doris Lee. We will also use different materials to explore how this changes the effect of our work.



Year 5

Curriculum Overview

Autumn 2018



LITERACY

Handwriting

We will combine and build upon the skills acquired in KS1 and Lower KS2 to write quickly in a consistent, fluent and legible joined hand, using a range of presentational skills including capital letters for posters, title pages and headings.

Spelling, Punctuation and Grammar

In spelling lessons, we will use dictionaries and other materials to investigate various rules and conventions of the English language, employing many creative methods to remember them and apply them to our written work. Weekly grammar and punctuation lessons will develop our ability to understand the structure and use of different parts of speech, as well as the correct and proper use of basic punctuation in line with the Yr 5 curriculum.

Reading Skills

A variety of text types and genres will develop our skills in the four levels of reading comprehension: Literal (on the line), Inferential (between the lines), Evaluative (outside the lines) and Applied (beyond the lines). In this first term, we will revise the key techniques required in picking out information directly from the text, before moving on to using inference and deduction to further increase our understanding..

Text Level

We will begin by studying Greek myths and legends. We will look at the key features of these and write our own myths. Following this, we will be studying various poems, learning poems by heart and writing and performing our own poems. Finally, we will focus on instructional writing.

MATHS

Domain: Number

In Year 5, we study four distinct 'domains' of mathematics: Number, Measurement, Geometry and Statistics. Within this term's domain (Number), we will be focusing on the following areas:

- number and place value
- addition and subtraction
- multiplication and division
- fractions (including decimals and percentages)

Our times tables/division knowledge and mental maths skills will continue to be tested on a weekly basis. Homework will provide revision and consolidation.

RE

The Bible

In our first topic, we will learn the names of the 66 books of the Bible and how to reference a chapter and verse. We will consider how and why Christians use the Bible as well as the various presentations and translations available. The different forms of literature in the Bible, as well as how they are used by Christians to guide their lives, will be investigated and we will learn about the work of the Gideons and the Bible Society.

Christmas: Matthew and Luke

Our own preconceptions of the Nativity story will be challenged as we compare the two Gospel accounts of the birth of Jesus. We will look at their intended audiences and their impact on the world today. There will be a cross-curricular link with DT as we use modelling clay to create our own Nativity scenes!

GEOGRAPHY

Liverpool

Throughout this topic children will learn more about their city and also develop their geographical skills. This term we will focus on the location of Liverpool, the main landmarks and where they are situated around the city and the differences between physical and human features. We will also use charts and graphs to compare rainfall and population and use digital technologies to learn more about our city.

French

Weekly French lessons will develop our capability in the language through songs, games and interactive participation.

PE

Children will have two sessions per week, taught by their class teacher and Mr Hawthorne. The children will continue to develop the values of sportsmanship, resilience and a general love of exercise.

OTHER OPPORTUNITIES

We will be taking the children on a school trip to the museum to consolidate their learning in History.