

ENGLISH

In English this term, linking with our Space topic theme, we will be using the beautiful planet of 'Pandora' from the film Avatar to engage and motivate the children to write creatively using descriptive language. Through poetry, we explore the use of similes, metaphors and personification to enhance the feelings and images we can create through our writing. Later in the term, we are going to write a non-fiction report on a creature, thinking about headings and sub-headings to use to organise our information.

MATHEMATICS

In maths for the first half term, we will be focusing on place value up to a million and determining the value of different digits. We will be using a variety of resources and pictures to show these numbers in different ways, which will enable us to order the numbers by value. We will be using our understanding of numbers within our addition and subtraction unit to practise formal calculation methods.

Alongside reinforcing our knowledge of multiplication and division facts, we learn about different types of numbers: multiples, factors, prime numbers, square and cubed numbers.

In the second half term, our main focus is on fractions: comparing and ordering fractions and finding equivalent fractions.

COMPUTING

We will use a variety of programs to support work across the curriculum and will include regular input on e-safety.

We develop our word-processing skills by creating an information poster related to our space topic.

ART

Children create models of the solar system and of Anglo-Saxon villages. In pottery, we design and create space aliens using thumb pot technique.

PSHE

We begin by looking at friendships and how friends relate towards each other. We learn strategies for staying safe online; the importance of protecting personal information and managing requests for such information.

DESIGN TECHNOLOGY

We begin our year by looking at Space Transport, exploring designing and making our own space buggies using gears.



YEAR 5 AUTUMN TERM



HISTORY

In history we will be learning about the Anglo-Saxons. Children will learn where the Anglo-Saxons came from and why they decided to settle in Britain. We will study a variety of aspects of Anglo-Saxon life such as language, social structure, religion, diet, literature and settlement. The children will use a variety of sources to learn about this period of history: artefacts, such as those discovered by archaeologists at various sites in Britain; information recorded in the Anglo-Saxon Chronicles; and the legacy of these people.

MUSIC

In music we are developing our listening and performing skills. Children start to learn to play the clarinet.

Towards the end of term, we will be practising songs in preparation for our school production.

SCIENCE

In Science we are going to be investigating The Earth and Space. We will be finding out why we have day and night, summer and winter and how long it takes for the Earth to orbit the Sun and the Moon to orbit the Earth. In addition, we will be learning about the other planets in our Solar system.

Alongside this, we will be focusing on forces. We will be conducting a variety of different experiments to help us understand how each force works. For example: friction and upthrust. By the end of the unit, the children should know that forces are measured in Newtons and will be able to use force meters to accurately measure this. The children will be presenting their findings in a variety of ways, using their scientific vocabulary to give detailed conclusions about what they have

RELIGIOUS EDUCATION

We are going to be looking at Hinduism and what Hindus value in their lives.

We will be exploring what people believe the Holy Spirit is, and how this is represented through different symbols.

In our study of Christianity, we be considering why light is an important symbol at Christmas.

PHYSICAL EDUCATION

We will be developing our core fitness through gymnastics in our indoor PE lessons, and will be improving our passing skills and tactics using large ball skills.

FRENCH

In French, we will be developing our conversations about ourselves. We learn to spell our name using French alphabet sounds and tell the time. We learn vocabulary to describe planets.