

English:

Science Fiction Stories

Children will read science fiction stories to locate clues and support their understanding.

Children will justify their opinions and elaborate their ideas by referring to the text. Children will write their own science fiction story to entertain an identified audience. They will link ideas across paragraphs using adverbials for time and place and numbers e.g. *Several hours later, on a nearby planet.*

Information Booklets

Children will write an information booklet which includes more than one non-fiction text type, e.g. non-chronological report, instructions, explanation.

They will use devices to build cohesion within a paragraph e.g. *firstly, then, presently, subsequently.*

Maths:

Children will learn to:

Divide numbers to make fractions.

Write improper fractions and mixed numbers.

Find equivalent fractions.

Compare and order fractions

Add and subtract fractions.

Multiply fractions.

Read and write decimals.

Compare decimals.

Write fractions as decimals.

Add and subtract decimals.

Round decimals.

Science: Earth, Sun and Moon

Children will learn that the earth orbits the sun and the moon orbits the earth - and about the relative sizes of each.

They will find out why the apparent position of the sun changes over the course of a day and explore shadows.

They will learn that the sun rises in the East and sets in the West, and find patterns in sunrise and sunset times.

They will learn that the four seasons are caused by the earth being tilted as it orbits the sun.

They will find out that the moon takes approx. 28 days to orbit the Earth, about the different phases of the moon, and that the moon gives out no light of its own but reflects sunlight.

Music:

Children will listen to the song "Make You Feel My Love" by Adele and learn how to find the pulse and explore the rhythm of the music. They will practise singing in tune and learn how to sing harmonies. Children will then learn how to play notes on an instrument and learn how to accompany the song.

PHSE: Keeping Myself Safe

Children will learn about changing habits and legal and illegal substances. They will learn to understand positive and negative risks and learn to understand bullying.

Spellings: Monday, test next Monday

Homework: Friday, due next Friday

Read at home for between 10 and 20 minutes every day.

Year 5 Spring 1

History: The Vikings and Anglo Saxons

Children will explore how the Saxons were able to see off the Viking threat (790AD-1066AD).

They will explore and explain the rivalry between the Anglo Saxons and the Vikings.

Children will use historical sources to explore Alfred's main achievements and his military prowess so that they can answer the question - Alfred the Great, how great was he really?

Children will explain the similarities and differences between the lives led by Saxons and Vikings and learn to understand the changing relationship between the Anglo Saxons and Vikings.

Children will then produce a final piece of writing in response to the question - What was the conflict of power between the Vikings and Anglo Saxons?

DT: Textiles - Making a stuffed toy

During this half term, pupils will design a stuffed toy.

They will consider the main component shapes of their toy. Create a template for their stuffed toy, join two pieces of fabric using a blanket stitch and finally identify what worked well and areas for improvement.

Computing: Programming - Selection in Physical Computing

In this unit, children will use physical computing to explore the concept of selection in programming through the use of the Crumble programming environment. Children will be introduced to a microcontroller and learn how to connect and program components through the application of their existing programming knowledge.

RE: Islam

Children will identify the significance of the Epiphany and why it is an important event to Christians.

They will discuss how and where Islam originated and explain the five pillars of Islam.

Children will discuss the Qur'an and its teachings and identify the main features of the Mosque and explain how they are used for prayer.

PE: Dance/Swimming

Children will learn to create a solo dance phrase using unison and canon based on the theme 'Food Glorious Food!'

They will learn to use a prop to create a duet based on chaos in the kitchen.

Children will develop a duet using the skills of facial expression and focus.

They will finalise a dance and perform using a range of performance skills.

The girls will be going swimming this term and the boys will be completing the 'Highway Man' dance unit.