

English

Children will be using their descriptive skills to create pieces of writing as time travellers. They will explore persuasive language and presentation skills to convince their peers of their ideas. In addition, the children will study poems based on our time travelling topic.

In term 2, the children will use 'Penguins in Peril' to inspire script writing and animation; creating a class short film.

Science

Whilst learning about states of matter, children will compare and group materials together, according to whether they are solids, liquids or gases; observe that some materials change state when they are heated or cooled and identify the part played by evaporation and condensation in the water cycle.

When learning about sound they will investigate how sounds are made by vibrations, how they travel in waves and how the material through which sound passes may affect the way it travels.

RE

Children will explore the creation story, looking at the poetic and metaphorical language used to describe God's acts and linking this to personal experiences. In addition, the children will learn about the Trinity. Studying the relationships between the Holy Trinity and Christians.

Art

With inspiration from the book 'The Viewer' by Gary Crew, the children will explore and create a variety of artwork spanning different eras with the use of mixed media.

DT

Through collaboration the children will design, create and evaluate their own props and sets in term 2 to support their film making linked to the topic 'Are books obsolete?' They will also investigate different textures and patterns to design their own characters.

PSHE

We will be introducing our new PSHE themes:

Being me in my world (Term 1). Being aware and accepting our feelings, thoughts, and senses.

Celebrating difference (Term 2) Understand our differences

Mathematics

The children will be solving problems around the place value of 4 digit numbers by recognising, ordering and estimating. They will be working on addition and subtraction, developing a more formal recording method to show their work.

In multiplication and division the children will be expected to recall the related facts up to the 12 times table and apply these in problems. Later on in the terms they will develop their understanding of measure by finding the area of rectangular 2D shapes.

Geography

With strong links to science, children will be studying rivers and the water cycle. They will learn about river features and processes as well as having the opportunity to study a local river in more detail. Children will practise fieldwork techniques such as photo-graphing, sketching maps, observing and measuring. Later on, they will focus on human geography: settlements around water sources.

Linking nicely with the two themes we will be researching climate zones around the world. Making comparisons, researching native animals and creating fact files will be encompassed into our Geography.

Computing

Children will have the opportunity to plan and design an educational computer game. They will start by identifying features that making existing games successful. They then create a working prototype, develop it and improve the user interface. They can finally test their games and make any changes. In term 2 the children will be using different video editing software to film, edit and produce their own short films.

Year 4 Curriculum



Terms 1 and 2

