

English

Linked to their topic work, this term the children's English learning will be based around Phillip Pullman's book 'The Firework-Maker's Daughter.' This term the children will be focussing on their SPAG knowledge, particularly looking at how to write a fully formed sentence. They will look in depth at a number of different word classes; nouns, determiners, adjectives, verbs, adverbs.

From this learning, they will produce a letter in character from Lila to her Father.

Science

Forces: This term the children will learn to:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

The children will have many opportunities to work scientifically within this unit by carrying out experiments to investigate the effects of air resistance, water resistance and friction.

Music

The children will continue with their weekly Ukulele lessons, delivered by a specialist external teacher. In these sessions, they will develop their understanding of rhythm. They will also focus on picking and chord formation to learn several collaborative pieces of music.

PE

The children will have bi-weekly PE sessions with Mrs Partridge. In one session they will learn the skills within different types of invasion games. In the second session, their Real PE unit the children will develop social skills

Geography

This term, the children will be studying mountains, volcanoes, and earthquakes. The children will first study the structure of the earth and use this knowledge to help them understand how mountains, volcanoes and earthquakes are formed. Following this, the children will learn:

- How mountains are formed.
- How to map mountains.
- To describe the structure of volcanoes.
- Why people live near volcanoes.
- To explain why earthquakes occur, and understand their impact.

Forces of Nature

YEAR 5 CURRICULUM MAP

Term 2

RE

Prayers, Saints and Feasts: This unit will help children to understand that Christians believe that the work of Jesus is continued through them. The concept of pilgrimage as a journey of prayer will also be covered. The importance of the pilgrimage to Mecca for Muslims will also be covered. The second of the two Sacraments of Healing will also be studied, focusing on the part prayer plays in healing.

Advent: In this unit, the children will consider how Advent is a time to prepare a way for the Lord. They will understand the importance of John's message in Advent, empathise with the thoughts and actions of Zechariah, and explain why the Church still prays today.

Spanish

The children will continue their weekly language lesson every Thursday run by a specialist languages teacher from St Bede's Catholic Secondary School.

Maths

This term the children will learn to:

Multiplication and Division

- Identify multiples and common multiples
- Identify factors and common factors
- Identify prime, square and cube numbers
- Multiply and divide by 10, 1000 and 1000

Fractions

- Find fractions equivalent to unit and non-unit fractions
- Recognise equivalent fractions
- Convert improper fractions to mixed number and vice versa
- Compare and order fractions less than 1
- Compare and order fractions greater than 1
- Add and subtract fractions with the same denominator
- Add fractions within 1 & greater than 1
- Add to a mixed number
- Subtract fractions
- Subtract from a mixed number (and breaking the whole)

Computing

The children will continue their unit of computing systems and networks. The children will be able to explain the input, output, and process aspects of a variety of different real-world systems. They will also take part in a collaborative online project with other class members and develop their skills in working together online.

Art

Children will learn about perspective, zentangle pattern, contour and shape when creating landscape images of mountains, inspired by the works of Hundertwasser.

RSE

The children will first develop their religious understanding in the 'calming of the storm' unit, considering experiences of change, growth and development, and the trust that Christians can have in Jesus through times of trial and tribulation. The children will then go on to learn about the physical changes that boys and girls go through during puberty and how they should respect and take care of their bodies as gifts.