



Curriculum Overview



Year 5

RHE

Upper Key Stage Two:

- Children will know that God is Trinity – a communion of persons
- Learn that the Church is the body of Christ
- Develop a deeper and richer understanding of Catholic social teaching
- Learn how certain charities reach out to the wider community with love

RE

Creation

They will know that there are two stories of Creation in the Book of Genesis. Understand what being made in the image and likeness of God means and the responsibility to use our God given talents.

Miracles And Sacraments Of The Sick

The children will know a number of miracles of Jesus and identify how his actions brought change to people's lives. Know about some places of pilgrimage and prayer for the sick. Understand that the Sacrament of the Sick is an important celebration for those who are ill.

Advent

The children will know and understand that Christians prepare to remember the first Coming of Christ and prepare for his Second Coming during Advent.

Whole Class Reading

Kensuke's Kingdom

Kensuke's Kingdom follows Michael, a young boy who is swept overboard during a family sailing trip and finds himself stranded on a remote island with his dog, Stella. There he meets Kensuke, an elderly Japanese man who has lived there since World War Two. Though they're wary of each other at first, Michael and Kensuke must learn to work together to protect their island home.

Linked Texts – children will focus upon a key theme in their weekly linked text to enable them to be able to engage with a variety of narrative, informational texts and poetry.

English

Finding the Boy King

This multi genre unit is linked to the study of Ancient Egypt and engages pupils in reading and writing a wide range of on-line and book based texts exploring the discovery of Tutankhamen's tomb.

Traditional Stories From Other Cultures

In this unit pupils explore several traditional stories from different cultures, written in a contemporary style. They become more familiar with the different structures of stories and the range of literary devices authors use to involve and engage the reader. Pupils will apply what they learn to further develop their language and writing skills.

Maths



Number : number and place value

- read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit
- count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
- interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000

Number: addition and subtraction

- add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- add and subtract numbers mentally with increasingly large number
- use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Statistics

- complete, read and interpret information in tables, including timetables

Measurement

- understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
- measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes

Science



Heart and Lungs

During the Autumn term Year 6 will study the circulatory system, learning about the basic components that make up blood, how the heart works and how blood circulates round the body. They learn about the lungs and the process of breathing and investigate the effect of exercise on the heart and breathing rates. They learn about the effects of smoking and alcohol.

Classification

Pupils build on their knowledge of classification from previous years and look at the classification of invertebrates and microorganisms in more detail and playing games to help them learn about microorganisms and classes of invertebrates. They study yeast, observing its growth, using it to make bread. By the end of the unit, they will be able to describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals. They will also be able to give reasons for classifying plants and animals based on specific characteristics.

PE

In PE this term, pupils will take part in a range of activities to develop their fitness, coordination and teamwork skills. They will practise multiskills to improve balance, agility and movement; learn yoga to build strength, flexibility and relaxation techniques; and enjoy team sports including football and basketball where they will focus on ball control, passing, and working together as a team.

History

Anglo Saxons and Scots

This term, our history topic will explore what happened in Britain after the Romans left. Children will learn who the Anglo-Saxons and Scots were, why and how they invaded, and why Britain was vulnerable to attack at that time. They will investigate how we know about the Anglo-Saxons by looking at historical sources like Bede's writings and the Anglo-Saxon Chronicle, as well as archaeological discoveries such as Sutton Hoo. Pupils will study how Anglo-Saxon Britain was divided into different kingdoms, how society was organised, and how law and order worked. They will also explore everyday life in Anglo-Saxon villages, learn about the gods they worshipped before converting to Christianity, and discover how this conversion changed Britain. Finally, children will evaluate the achievements of Alfred the Great and reflect on how the Anglo-Saxons and Scots shaped England's history.

Geography

Asia: Mountains, volcanoes, and Earthquakes (an in-depth study)

This term in geography, pupils will explore the amazing physical and human geography of Asia by studying mountains, earthquakes and volcanoes. They will start by learning about Asia's varied landscapes, climates, countries and cultures, before discovering the continent's natural borders, such as the Ural and Caucasus mountains. Pupils will find out about tectonic plates, how their movements formed the continents, and how this leads to the creation of mountains and volcanoes and causes earthquakes. They will then look closely at the Himalayas, learn about different types of volcanoes and how eruptions affect local areas, and explore how and why earthquakes happen. Using case studies like the 2015 Nepal earthquake and the tsunamis triggered by Anak Krakatoa and the 2011 Japan earthquake, pupils will also learn about the impact of natural disasters and how people rebuild afterwards.

Music



Composition Notation

Children will learn how to identify the pitch and rhythm of written notes and experiment with notating their compositions in different ways to further develop understanding of staff notation.

DT

Electrical Systems: Doodlers

Further exploring series circuits and introducing motors. Pupils investigate existing products and use their problem-solving skills to establish how they think the products have been constructed, before then creating their own doodler.

Art

Sculpture and 3D Installations

Using inspiration of historical monuments and modern installations, pupils plan, research and draw a sculpture to satisfy a design brief. They investigate scale, the display environment and possibilities for viewer interaction.

Spanish

Me and My Friends

In Spanish this term, pupils will begin with Me and my friends at school, where they will extend their vocabulary for describing feelings, recap how to talk about themselves, learn how to introduce a friend, and share opinions about school subjects.

Time in the City

Later in the term, in Time in the city, pupils will explore life in a Spanish city — learning how to buy tickets, ask for and give directions, describe places, and shop for souvenirs. They will also enjoy a fun festive activity designing or talking about a Christmas jumper.

Computing

Communication and collaboration

Exploring how data is transferred by working collaboratively online.

Webpage creation

Designing and creating webpages, giving consideration to copyright, aesthetics and navigation.



