

English

In writing, we will be learning how to write biographies. To support our learning, we will be using a biography about David Attenborough. We will then write our own biographies about Queen Elizabeth II. We will then move onto looking at the type of language used in poetry using the poem *The Highway Man* as our stimulus.

Maths

Our first unit of work in Maths is place value where we will be reading and writing numbers up to 1,000,000. This will include comparing, ordering and rounding numbers. We will then move onto 'Addition and Subtraction' and then 'Multiplication and Division.' Throughout the year, we will have sixty minutes of fluency practise a week and regular arithmetic tests.

PE

Throughout the year, we follow the Real PE Curriculum. This looks at fundamental movement skills. During this half term, our focus in PE is on developing our ball skills and our reaction and response.

Science

This half term in Science we are learning about Animals, including humans. We will look at stages of development in the human life cycle and use the scientific skill of sorting and classifying to support our learning.

Year 5 Learning Advent 1

RE

Our units are called Ourselves and Life Choices which is a sacrament topic about marriage. In the first unit, we look at how we are made in God's image and in the Life Choices topic, we look at the signs and symbols of a Catholic wedding and will create our own guides explaining these signs and symbols.

Geography

Our topic this half term is Biomes. In this unit of work, we will be learning about four different environments; rainforests, tundra, grasslands and alpine. To support our learning in this unit, we will visit the Botanical gardens to look at how plants have adapted to their environments.

RSHE

During this term, we will be looking at puberty and bodily changes.

English

In writing, we will be learning how to write a discursive text, focusing on the debate whether Jaffa Cakes are a cake or a biscuit. Our novel study this half term is *How to Train Your Dragon* by Cressida Cowell. As well as writing a formal letter and non-chronological report, we will be writing our own ending to this novel. We will also be reading two Greek Myths (Theseus and the Minotaur and Perseus and Medusa) and then writing our own Greek Myths inspired by those we read.

Maths

We will be continuing with long multiplication and short division. Then we will be learning how to compare, order, add and subtract fractions during our fractions unit. Our third unit of work in maths this half term is statistics. In this unit we will look at how we can represent data in different forms such as bar graphs.

PE

We will be learning about teamwork and cooperation in PE and practising balance skills independently and with a partner.

Art

This half term we will be taking a trip to the Leicester Museum and Art Gallery. During the trip, we will take part in a workshop.

RE

We will continue with our Life Choices unit before learning about The Passover festival during Judaism week. In our next unit called Hope, we will be learning about the hope that the Advent season brings to Christians. We will look at Jeremiah and Isaiah, two Old Testament prophets.

Computing

In computing, our sharing information unit looks at what a system is and how systems work, including how a computer system works. We will be using the computer programme Scratch during our unit called 'Selection in Quizzes'.

History

We will be learning about who the Anglo Saxons and Vikings were and what they did by examining and interrupting sources. We will also look at the effect the Anglo Saxons and Vikings have had on life in Britain today.



Year 5 Learning Advent 2

English

Initially, we will be covering another non-fiction text type – persuasion – where the children will persuade a spy to buy their new gadget. Our novel focus for the term is High Rise Mystery, which will allow the children to showcase everything they have learnt so far. Finally, there will be a week of poetry where we will use the Viking Long Boat poem as a stimulus.

Maths

The term will begin with another 'Multiplication and Division' unit, however this one will focus more on the formal written methods. We will also be returning to Fractions where we will be multiplying fractions by whole numbers. Our final unit for the term is on decimals and percentages.

Music

Our unit on Notation teaches us how to read sheet music.

PE

We focused on our balance and coordination, in particular being aware of others and potential space opportunities.



Year 5 Learning Lent 1

Art

We will be using Mark Rothko's work as inspiration to create our own piece of work showcasing mood through colour choices.

RE

During Lent 1, we will be learning about the reasons for the signs and actions during the Eucharist through our unit Memorial Sacrifice.

Science

This term's unit is about Celestial Bodies and will include a residential trip to the Space Centre where we will have the opportunity to explore the night sky and sleep amongst the exhibits. During the rest of the unit, we will be discovering how different celestial bodies move in space.

Geography

Our Geography unit for this term is about Brazil. We will be looking at the economy, differences between the rich and poor in the country, before comparing our lives in the UK to the lives of people in Brazil.

Computing

With 'Safer Internet Day' falling within this term, we will enjoy a week of lessons teaching us how to stay safe when we are online.

English

In English this half term, we will begin with a week on grammar. We will then study the play Macbeth, by William Shakespeare. Our next unit looks at non-chronological reports and we will be writing our own non-chronological reports on fictional planets. During this half term, we will also continue to read our class novel *Flesh and Blood*.

Art

Our art unit this half term is looking at sculptures. We will be experimenting and exploring and then creating three of our own ceramic vessels.

DT

This half term, our DT project is based around mechanical mechanism. We will be seeking a solution by designing and creating our own toys with a cam mechanism.

History

We will be learning about the Ancient Greeks in History by examining and interrupting sources. This history unit links to British Values as we will be learning about The House of Commons and democracy.

Maths

Our first unit of work in maths is on decimals and percentages. We will use our fraction knowledge to compare fractions, decimals and percentages. Following this, we will learn how to work out the perimeter and area of shapes. We will then look at position and direction where we will learn how to translate coordinates and shapes.

Science

In science we will be learning about forces by practicing the skills of comparing and testing fairly. We will look at gravity and types of friction through observing forces in action.

PE

We will continue following the Real PE curriculum focusing on static balance skills and looking at how we can change tactics, rules or tasks to make activities more fun or more challenging.

RE

In this unit, called Sacrifice, we remember the ultimate sacrifice Jesus made on the cross. During the unit, we will be reading the Easter story, from the bible, as well as looking at Easter hymns and artwork.

Year 5 Learning Lent 2



English

In English, this term we will begin by looking at Newspaper reports and their structure. We will then be looking at the adventure story *Kensuke's Kingdom* by Michael Murpurgo where they will be writing our own narrative story. We will finish the half term with some performance poetry inspired by Benjamin Zephaniah.

Maths

We will start this term by looking shape. This includes learning about angles on a straight line and angles around a point. We then move on to looking at decimals where we will be adding, subtracting, multiplying and dividing decimals by 10, 100 and 1000.

PE

This term we are focussing on jumping and landing.

Music

This half term we will be looking at World music. We will be listening and responding to the piece of music called *Jin Go La Ba* by *Babatunde Olatunje*. We will be using the African drums to compose and perform our own pieces of work in response to this piece of music.

Year 5 Learning Pentecost 1

Science

In Science, we are learning about materials and how they change. We will learn about how we use materials for a purpose, practise our Science skills of 'Comparing and testing fairly and learning about reversible and irreversible changes that can happen with materials.

RE

During this term we will be looking at two topics; *Transformation* and *Freedom and Responsibility*. In the Transformation topic, we are learning about how the Holy Spirit transforms live and in our second topic, we are learning about the actions and symbols used in Reconciliation. We will also have 'Mission week' during this half term.

DT

This half term, in our DT project, we will be looking at pulley systems and using resources to create our own pulley system. In this exciting project, the pupils will be seeking solutions as to how best to transport some tomatoes using a pulley system. Once complete, we will evaluate our designs and consider how we could improve them further.

English

To link to our science unit to English, we will be looking at explanation texts about lifecycles. In our other media unit, we will be producing a number of pieces of writing, including a biography, diary entry and persuasive letter, based on film *The Greatest Showman*. We will continue to read our class novel *Stig of the Dump* and practising the skills of a good reader.

Maths

For our final half term of maths, we will be practicing counting in multiples through zero in our unit on negative numbers. We will also learn to convert of length, including metric to imperial and units of time. In our final unit, volume, we will compare and estimate volume.

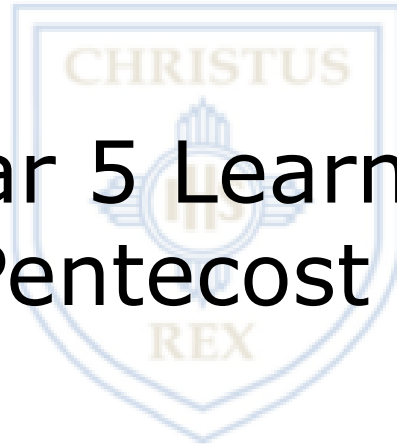
History

We are learning about the history of Leicester and individuals who have helped shape the history of Leicester. This includes, suffragette Alice Hawkins and scientist Sir Alec Jeffreys. We will be going on a walking trip around Leicester.

Science

Our final topic in science is *Living Things and Their Habitats*. In this unit will be researching lifecycles of different plants and animals, including the lifecycles of birds, amphibians and different types of mammals. We will also observe how some plants reproduce asexually and practicing the skill of sorting and classifying.

Year 5 Learning Pentecost 2



Art

In art, we are looking at the artist *Frank Lloyd Wright*. We will be creating our own observational architectural drawings using perspective.

RE

We will be learning about Islam during our *other faiths* week. We will also be learning about Stewardship by looking at the work of CAFOD.

Music

We are learning about classical music composed by *Vaughan Williams* and popular music by *Bronski Beat*. In both music units, we will be composing our own pieces.