

PE

We will be looking at invasion games, in particular football. Understanding teamwork and sport specific tactics, making use of space and practising and using a range of football skills in game situations. We will also be playing Lacrosse, learning game rules, throwing, catching, attacking and defending. This term Maple class will be going swimming, practising a range of skills and building on our perseverance and water safety.

RSE/PSHCE

We will look at beliefs and opinions, challenging gender stereotypes. We will understand that we are all unique yet we share similarities and that these similarities and differences may arise from a number of factors. We will also learn about our rights and responsibilities such as the right to protect our bodies. We will discuss and recognise that marriage is something which should be entered into freely due to our own decision making.

Music

We will be looking at basic notation and play simple tunes on the recorder. We will look at digital composition, using the laptops and software to create a beat, add multi-instrumental components and record vocals. We will listen to rainforest soundscapes. What noises can we hear? We will work in small groups to create our own rainforest soundscape using percussion instruments and body percussion. We will use these soundscapes for reflection and relaxation.

Computing and IT (Safer Internet Week w/c 6th Feb)

We will look at e-safety and how to use search engines effectively, we will understand what is appropriate and how to report inappropriate content. We will research key historical figures. We will begin to understand, and use excel to input data and create graphs. We will continue to practise our touch-typing skills. We will create music digitally and use 3D design software to aid in our product design for DT. We will begin to use Scratch to code a basic program about a rainforest creature.

Maths

Year 3 will learn the grid method, a written method to work out multiplication calculations, using their place value knowledge to support. They will continue to learn multiplication and division facts. They will recognise and name unit and non-unit fractions, find fractions of quantities and sets of objects, adding and subtract fraction with the same denominator.

Year 4 will be learning about fractions. Counting on and back in tenths and hundredths. Recognising families of equivalent fractions. Multiplying and dividing whole numbers and decimals by 10 and 100. They will be rounding decimals to the nearest whole number and converting different units of measurement.

Year 3 and 4 will continue to learn their times tables through daily practise using the tackling tables scheme and begin a daily speed tables test.

Art/DT

We will look at the art and life of artist Henri Rousseau and make comparisons with Kurt Schwitters. We will work with mixed media and experiment with collage to create our own rainforest inspired artwork. We will use our sketch books and make detailed observations of leaves.

In Design Technology we will look at pneumatics. Research where pneumatics are used, look at existing toy products which use pneumatics before designing, making and analysing out own pneumatic toy.

History

In class, we shall be looking at explorers of extreme environments and discussing the impact of expeditions and discoveries and how they may have shaped the world we live in today. Specifically, Robert Falcon Scott, Sir Edmund Hillary and Percy Harrison Fawcett. We will learn about Empire and the scramble for Africa.

Geography

We will use atlases and maps to identify and label the equator and tropics. We will look at what a rainforest is and the different types of rainforests. We will locate and label rainforests and great mountain ranges around the world. Physical geography will also include labelling the layers of the rainforest and human geography, we shall look at tribal communities in the Amazon rainforest.

**Maple Class**

**Years 3 / 4**

**Spring Term 2023**

**Rainforests and Mountains**

**Mr. Gachowicz / Miss. Claxton**

Science

In Maple class we will be learning about electricity. We will learn how electricity is produced and look at some of the ways we produce electricity. We will identify objects which are powered by electricity and the difference between mains and battery power. We will construct simple series circuits. We will be able to name the parts of a circuit and learn to draw scientifically, a circuit with the correct symbols and parts. We will be investigating whether components work within a circuit depending on whether the circuit is open or closed. To extend, some will look at parallel circuits. We will recognise conductors and insulators of electricity and classify objects based on their properties. We will make predictions on whether a circuit will work and tinker with circuits to fix problems.

Religious Education

We will continue to lead enquiry based RE lessons, with the children exploring answers to some key questions. Our learning will look at world religions Christianity and Sikhism and the world view, Humanism.

In the first half term, we shall explore the question, ‘What is meant by truth?’ We will express out own beliefs on what truth means and understand what the Bible tells us about truth and honesty. We will compare with Sikhist ideas of truth and how a Humanist may choose to live their life with their own understanding of truth. In the second half term we will answer the question ‘What kind of world should we live in?’

The Prodigal Son remains important to us as our school vision, and we will revisit this exploring its core messages and values.

French

We will learn some basic French including colours, the human body, families and continue to listen to stories in French, identify known vocabulary. We will write and speak simple sentences in French.

English

This term we will be linking our writing to our topic:

* -Non-sensical rhyming poetry
* -Rhyming poetry based on a rainforest creature using figurative language including similes, metaphors, alliteration, personification and onomatopoeia
* -Persuasive writing based on the book ‘The Great Kapok Tree’ looking at different examples of persuasive writing, structure, language and formality
* -Narratives based on ‘Buddy’s Rainforest Rescue’

We will continue to have weekly SPAG sessions learning the year 3 and 4 objectives and linking to our writing, spellings including spelling rules and words from the national curriculum spelling list and guided reading sessions.