

**Literacy - Hamilton and National Curriculum**

In English, we will continue to work on reading and comprehension skills. Children will be tested on spellings weekly and some lessons will focus on grammar. We will be reading a range of texts to develop writing skills through tasks related to the book for example drama, diary entries, character analysis and more.

**Maths - White Rose/Hamilton and National Curriculum**

In maths, we will continue to practise daily mental maths. Each week children will apply their numerical skills to a rich task; a 'real life' problem which requires higher order thinking. We will continue to study subtraction, addition, multiplication and division as well as time, coordinates, measure and shape.

**Science - (Planit) Solar System and materials**

In science topic will be earth and space. Children will explore the fascinating topic of the planets and consider the conditions on each planet. We will look into the sun, the stars and the moon and how these affects calendars and cycles. We will continue to look at properties and changes of matter in science. We will carry out irreversible and reversible reactions, comparing physical and chemical changes

**Geography - Passport around the World**

The unit will encourage the development of knowledge about places and their locations. The range of activities is designed to ensure that, over time, children learn about places, where the places are and how they are connected. Linked to Rugby World Cup in 2015.

**History - Victorians**

In History this term we will be learning about the Victorians. We will look at various sources and artefacts to discover more about this period in history. We will compare life then to now and will learn about how the Victorians have influenced us today.

**Art - Objects and Meanings**

In this unit children select, arrange and present objects in a still-life painting. They investigate the work of artists who have used the theme of still life in a variety of ways to convey ideas and feelings. They develop skills of observation and recording, and knowledge and understanding of colour, tone and composition

**Literacy - Hamilton and National Curriculum**

In English, we will continue to work on reading and comprehension skills. We will be studying the famous play Romeo and Juliet by William Shakespeare. We will be looking at meaning of language, exploring characters and interpreting scenes into modern language. We will writing diary entries and holding debates all related to the play. We will also look at some poetry by Shakespeare.

**Maths - White Rose/Hamilton and National Curriculum**

In maths, we will continue to practise daily mental maths. Each week children will apply their numerical skills to rich tasks; scenarios and conundrums which requires higher order thinking. We will continue to study number sense, addition, subtraction, multiplication, division and geometry.

**Science - (Planit) Animals, including humans/plants/forces**

In the following science topic will study forces. This will include water resistance, air resistance, gravity and friction. We will be investigating living things and habitats in science this term. We will be finding out more about life cycles and the local environment. The famous scientist David Attenborough will be researched. Y5 will go on to explore mammals with a focus on humans.

**Geography - Human geography**

In Geography we will be exploring volcanoes. We will be thinking about how volcanoes erupt and the effect this has on lives. We will discover what happened in Pompeii in 79 AD. We will replicate a volcano of our own.

**History - Greeks**

This term in History, we will explore Ancient Greece. Children will use sources to find out more about the era, comparing life then and now. Children will produce writing and art work surrounding the topic

**Art - Containers**

In this unit children explore the craft tradition of making vessels and containers. They develop their own designs and build a three-dimensional form to represent a vessel or container that will hold something special that they would wish for. They consider examples by contemporary designers and ceramicists and look at work from different cultures

**Literacy - Hamilton and National Curriculum**

In English, we will continue to work on reading and comprehension skills. We will be studying a range of texts. We will be looking at meaning of language, exploring characters settings. We will be creating adverts and autobiographies. We will also look at a range of poetry.

**Maths - White Rose/Hamilton and National Curriculum**

In maths, we will continue to practise daily mental maths. Each week children will apply their numerical skills to rich tasks; scenarios and conundrums which requires higher order thinking. We will continue to study number sense, addition, subtraction, multiplication, division and geometry.

**Science - (Planit) Growing up/old/Super Scientists**

The famous scientists will be researched. The developmental changes a human undergoes throughout life are remarkable, especially compared to those of other organisms. This collection of images captures six stages of human development, giving students a glimpse of the striking transformation that occurs between birth and death.

**Geography - Connecting ourselves to the outside world**

The children will be able to describe the physical and human features of a range of places studied and show how the mix of features helps to explain their character; draw out similarities and differences between places; draw on their own observations and secondary sources to suggest geographical questions that might be studied; use a wide range of skills and sources; use ICT effectively to access information and to record, present, analyse and communicate data.

**History - Tudors**

In History this term we will be learning about the Tudors. We will look at various sources and artefacts to discover more about this period in history. We will compare life then to now and will learn about how the Tudors have influenced us today.

**Art - Talking Textiles**

The children will explore how stories have been represented in textiles in different times and cultures. They work together to make a two- or three-dimensional work based on a familiar story, myth or legend. They investigate and use a range of materials, techniques and textile processes to create surface patterns and textures and other visual and sound effects

#### DT - design and make musical instruments

Children learn about the construction of a range of musical instruments, including those from different times and cultures, and how different sounds can be created and altered to make different notes. They learn to use this knowledge and understanding to design and make a working musical instrument using a combination of materials. The appearance of the finished product is an additional aspect and the use of techniques to illustrate visual elements could provide a strong link with art. When completed, the instruments could be used by the children *eg to perform a musical composition*.

#### RE - Come and See

Our first RE topic is entitled 'Gifts from God' This will involve deepening understanding of God's creation, emphasising how we should value and appreciate it. Later in the autumn term, we will be looking more at the commandments and how they guide our behaviour. We will encourage children to link faith to their own experiences and start thinking about questions which are difficult to answer

#### PE - Swimming/Team Games

Children will be developing skills for invasion games for their outdoor lessons. They will develop team working skills alongside learning techniques and rules each game. Our second weekly PE lesson will be swimming.

#### Languages - Twinkl Planit

Children continue with French specialist who is further developing their children oral and written skills in French.

#### Music - focus singing

We will develop listening and analytical skills through listening to and discussing a variety of music. The focus will be on developing their individual and group performance skills by learning to play chords, introducing the difference between major and minor chords, in different ways and by adding a melody and then through this, to consolidate their understanding of the key elements of music, namely: rhythm, pulse, pitch, dynamics, tempo, duration and structure.

#### Computing - Switched on Computing

Our ICT topic this term will be a Computer Animated Design software called 'Sketch up.' Children will learn how to design and replicate using scale. They will develop and edit designs of the school building and their 'dream school.' Children will reflect on E-safety, learning more about safety required when uploading and importing from the internet.

#### DT - design and make moving toys

Children learn about controlling movement with a cam mechanism as part of a simple toy. The purpose of the toy is negotiated with the children. They develop their designing skills by using information sources to generate ideas and formulate an understanding of how cam mechanisms can be used to produce movement. They extend their making skills by developing techniques in cutting, shaping and joining to combine components and by selecting tools and equipment to measure and cut accurately. Through these activities they gain an understanding of the working characteristics of the materials and components and how they can be combined to create more useful properties. They consider both functional and decorative attributes in a finished product

#### RE - Come and See

During the spring terms, we will be looking at inspirational people. We will explore how Jesus and God inspired others and how they inspire others. We will relate our learning to scripture and our own experiences. We will be thinking about sin and the importance of reconciliation as the year 5 children make their reconciliation.

#### PE - Gymnastics/Team games

Year 5 will be continuing invasion games for their outdoor lessons. The first of these will be basketball and the second tag rugby. During these lessons the children will learn the skills to play these games as well as the impact of teamwork. Lessons will be based in aesthetic performances in gymnastics as well as developing specific gymnastic skills.

#### Languages - Languages - Twinkl Planit

Children continue with French specialist who is further developing their children oral and written skills in French.

#### Music - focus singing

We will develop listening and analytical skills through listening to and discussing a variety of music. The focus will be on developing their individual and group performance skills by learning to play chords, introducing the difference between major and minor chords, in different ways and by adding a melody and then through this, to consolidate their understanding of the key elements of music, namely: rhythm, pulse, pitch, dynamics, tempo, duration and structure.

#### DT - design and make biscuits/bread

This unit develops children's skills, knowledge and understanding of food, building on the previous units in which children prepared food products using simple processes. The children learn how to adapt a basic recipe to develop a product with specified criteria. Investigation of existing products from all cultures will inform design ideas.

#### RE - Come and See

During the summer terms, we will begin by studying 'life in the resurrected Jesus.' We will explore the scripture related to this significant time. We will relate our learning to scripture and our own experiences. We will move on to the studying of other faiths.

#### PE - Team Games/dance

Year 5 will be continuing invasion games for their outdoor lessons, with tag rugby. During these lessons the children will learn the skills to play rugby as well as the impact of teamwork. Additional lessons will be based in aesthetic performances in dance taught by a specialist.

#### Languages - Languages - Twinkl Planit

Children continue with French specialist who is further developing their children oral and written skills in French.

#### Music - focus singing

We will develop listening and analytical skills through listening to and discussing a variety of music. The focus will be on developing their individual and group performance skills by learning to play chords, introducing the difference between major and minor chords, in different ways and by adding a melody and then through this, to consolidate their understanding of the key elements of music, namely: rhythm, pulse, pitch, dynamics, tempo, duration and structure.

#### Computing - Switched on Computing

In computing we will continue to look at Audacity; a sound editing programme where children can layer and manipulate music and sounds. Children will move onto the topic of 'working collaboratively online.' We will revisit e-safety and explore the possibilities of online learning platforms and communication

**Computing - Switched on Computing**

Web apps. Children will learn about how web apps work and how to create their own. They will also design, edit and evaluate their work.