

**Literacy -Hamilton and National Curriculum**

During English we will be studying and completing work based on the text 'Kensuke's Kingdom' and 'Pig Heart Boy'. The children will create non-fiction and fiction texts. We will be strengthening our ability to edit and improve our work as this is an important skill for all writers. The children will use a range of punctuation including brackets, dashes and commas to indicate parenthesis. They will use a range of devices to build cohesion in their writing and use presentational devices to structure text. The children will continue with their handwriting practice and be heard in guided reading as a group.

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

In maths we will continue to address a range of topics; spending time revising areas which the children wish to have extra support in. These areas will include mental maths, place value, number problems involving addition, subtraction, multiplication and division, fractions, percentages and decimals, ratio and proportion, shape and space, as well as data handling. We will be recapping and using RUCSAC (read, understand, choose, solve, answer and check) within our work. After learning a range of maths skills we will be applying these to rich tasks which include solving open ended investigations.

**Science - Living Things and Their Habitats**

In this unit your child will build on their work in Year 4 by sorting animals into groups based on similarities and differences. They will extend their learning to find out about the standard system of classification first developed by Carl Linnaeus, choosing an animal and researching its classification.

**Science - Animals Including Humans**

Your child will build on their knowledge and understanding of different systems within the body. They will research the parts and functions of the circulatory system. They will focus on how nutrients are transported around the human body.

**Literacy -Hamilton and National Curriculum**

We will continue to work on reading and comprehension skills by asking questions, identifying themes and justifying inferences with evidence. We will continue to practice our handwriting and will be heard in guided reading as a group. The children will develop the skill of recommending books and giving reasons for their choices. The children will continue to strengthen their ability to edit and improve their work by proof reading, looking for grammatical, punctuation and spelling errors. They will use a range of devices to build cohesion within and across paragraphs. The children will study a classis text linked to WWII.

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**Science - Electricity**

This unit builds on from the Year 4 Electricity unit. Your child will learn to represent circuits using symbols in a diagram. They will learn about two of the most important scientific inventors in the field of electricity. Your child will get the opportunity to develop their understanding of what electricity is and how it measure.

**Science - Evolution and Inheritance**

This unit builds on your child's learning from the Year 3 Rocks unit as well as the Animals including Humans and Living Things and their Habitats units. As such, it is important that children have the appropriate understanding of fossils, habitats and human development in order to grasp the concepts and ideas presented to them in these lessons.

**Literacy -Hamilton and National Curriculum**

During English we will be studying a range of text types and learning the features. We will continue to strengthen our ability to edit and improve our work by proof reading, looking for grammatical, punctuation and spelling errors. They will use a range of punctuation in their writing along with a range of devices to build cohesion within and across paragraphs. The children will continue to practice handwriting and they will be heard in guided reading as a group. The children will study a 'Shakespeare Play' - as a significant author from our literary heritage. The text is explored through genres of play scripts (including drama), letter and diary writing, poetry and newspaper reports.

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

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**Science - Light**

This 'Light' unit will teach your child about light, how we see, shadows, reflection and refraction. The children will learn how light travels and how this enables us to see objects. They will work scientifically and collaboratively to investigate refraction, carrying out some fascinating experiments into the effects of bending light.

**Science - Scientists and Inventors**

This 'Scientists and Inventors' unit will teach your child about famous scientists and inventors linked to the Upper Key Stage 2 science curriculum. They will learn about the role of DNA in inheritance, and create their own model of a DNA molecule.

### History - Stone Age to the Iron Age

This 'Stone Age to Bronze Age' unit will teach about how the Stone Age to Bronze Age period impacted on life in Britain. Children will learn about how early man survived in a harsh environment, why Skara Brae was important for understanding life in the Stone Age, how copper mining was crucial to the Bronze Age and why Stonehenge was built. Children will also learn about why Iron Age people developed hillforts and how important Druids were in Iron Age Britain.

### 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. The children will find out about the continents of the world and the countries that form them. They will also look in more detail at some of the contrasting regions of the countries, finding out about the landscape, climate and locations of each country. Children will also develop their map and atlas skills and practise reading and writing coordinates.

### Art - People in Action

Students will explore Portraiture through drawing and paper and card sculptures. Students will learn about a variety of approaches to Portraiture, focusing particularly on the contrast between 'Academic drawing', developing skills surrounding precision and measuring, and 'Autonomous drawing', using expressive mark making, to create self-portraits. Students will learn about how ideas surrounding identity can be projected through different approaches to mark making by exploring the contrast between the two approaches to drawing.

### DT - Shelters

To understand how different types of shelters are made and used across the world. To use ICT to create shelters in a 3d image then turn our images into models. This will require the use of saws, vices, drills to ensure the shelters are strong and weatherproof as well as other art mediums clay, Modroc, modelling wire etc. Shelters will be linked to our History topic for the Spring Term.

### History - WW2

Children will learn when and why World War II began and find out about the key individuals and countries involved. In addition to this, they will discover all about evacuation; learn what it was like to live with food rationing and explore the contribution made by women to the war effort. Studying World War II will help children to develop their investigation and evaluation skills; learn to organise information chronologically and understand how past events have helped to shape the world we know today.

### Geography - Raging Rivers

In this unit, the children will find out more about why rivers are so important to the towns and villages that have developed on their banks. By looking at the features of rivers, and the natural and human ways that rivers change over time, children will explore the life stories of rivers. Children will learn the names and locations of the major rivers of the UK and the world.

### Art - A sense of place

Looking at the world of landscape art with these creative 'A Sense of Place' Art lessons. Starting by using a viewfinder to find interesting features and views of a local area, your class will then go on to study the work of some of the most famous landscape artists and how they use perspective to give a sense of depth to their work.

### DT - Slippers

To design, make and evaluate a pair of slippers using a range of DT skills and materials. Sewing skills - using a range of sewing stitches developed from previous topics. Peer evaluation and product marketing will take our project beyond simple design - we will design - review - adjust - review - make -evaluate. A target audience will then evaluate design, craftsmanship and overall impact.

### History - Benin

This Benin unit will look at where the ancient Kingdom of Benin was located and how it came to thrive, what the people there believed in and how they showed this in their artwork. The unit explores western attitudes towards African civilisations, comparing the achievements, oral tales and artefacts of ancient Benin to those in Europe at the same time. The children will also learn about the story of Eweka and finally discover how European invaders threatened the civilisation of ancient Benin.

### Geography - Trade and Economics

In this unit, the children find out about how goods and services are traded around the world. They will explore the UK's trade links today and in the past, finding out about goods imported and exported and the methods of transport used. Through a more detailed look at one of the UK's trade partners, the children will learn about the benefits of trading internationally, as well as the risks to this area. The children will also learn about fair trade and why it is important in a global market.

### Art - What a performance.

To about the roles and purposes of artists, craftspeople and designers working in different times and cultures. To compare ideas, methods and approaches in their own and others' work and say what they think and feel about them, suggesting how they might be developed and improved.

### DT - Fairground Rides

We will be studying Fairground rides in D.T, their purpose and key skills to making a working ride using Knex. The Knex models will be assessed for creative design and visual impact on the target audience. We will be researching a range of designs and adapting these to suit our purpose - this unit will include visits to local parks to evaluate the range of play equipment and its use.

### RE -Come and See

Domestic church family

Baptism/ confirmation belonging

Advent/ Christmas loving

During the autumn term, children will be studying the importance of family in our lives. They will make links between their beliefs about love, their behaviour and how it affects others. The Kingdom of God has on our faith. Children will understand what is needed to accept God's invitation to The Kingdom of God as well as considering the effects Jesus' miracles had on the Kingdom of God. As we approach Advent in Autumn Two, we will be studying justice and the role we can play in a fair society. We will be linking this to how Jesus showed justice and compassion through his teaching.

### PE - Team Games/Dance

During the autumn term, Year 6 will be taking part in games based learning; this enables the children to understand the concepts of rules and teamwork within invasion games before learning any skill-based activities. We will then be moving on our learning to play competitive games such as netball. Our indoor learning will be Liturgical Dance. Children will perform dances using a range of movement patterns; these will all be linked to our faith in Jesus Christ.

### French - Languages - Twinkl Planit

#### Let's Visit a French Town

Children will learn how to use 24 hour times and understand how the French represent a.m. and p.m. times.

#### Let's go Shopping

Children will learn French names for famous French landmarks and explain what they were/are famous for. They will also learn how to describe what people do when they visit Paris.

### RE -Come and See

Local church community

Eucharist relating

Lent/Easter giving

As we approach Easter, we will be looking at the importance of the story of the Passover as well as the significance of the last supper and Jesus' death. We will be linking each of these to the role mass plays in our faith and the importance of practising our faith regularly

### PE - Team Games/Gymnastics

In the spring term, Year 6 will be continuing invasion games for their outdoor lessons. They will develop their netball skills by strategically planning and creating tactics with their team mates. They will carefully evaluate both their individual and team performance and take steps to strategically improve. Their indoor lessons will be based on aesthetic performances in gymnastics and dance. They will develop flexibility, strength, technique, control and balance.

### French - Languages - Twinkl Planit

#### This is France

Children will learn how to describe the colours of clothes and how to use prepositional language. They will be taught key phrases for asking questions when going shopping.

#### All in a Day

Children will apply previous skills and knowledge of topic areas covered in previous years. They will use bilingual dictionaries to increase their understanding of word classes and other grammatical features of the French language.

### RE -Come and See

Pentecost serving

Reconciliation Inter-relating

Universal Church world

During the Summer term, we will be learning about the Apostles and the important job they were given to do. Our following topic is 'Called to Serve' where we look at the Church and the part we play in this.

### PE - Team Games/Athletics

In the summer term, Year 6 will be focusing on the various disciplines in Athletics. In Athletics, they will look at each discipline and work towards improving their own performance by analysing their own weaknesses. They will learn the different techniques used to improve in all areas of athletics in order to compete in Sports Day as well as learning the skills needed to play competitive fielding games. They will learn how to play rounders and cricket. They will apply skills learned over the course of the year, to strategically attack and defend.

### Latin - Languages

Latin taught by teacher using Cambridge Latin Course.

Development of root vocabulary and understanding of spoken and written Latin. We teach Latin to help the children understand the English Language better - to develop aspiration in the children and to help them to better understand the Latin Mass, as well as the original text of many traditional Latin hymns.

### **Music - focus Singing/Composing**

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. The children will explore playing musical instruments with increasing accuracy, fluency, control and expression. The children will have opportunities to improvise and compose music for a range of purposes using the inter-related dimensions of music through graphic scores.

### **Computing - Online Safety**

In this unit about online safety, children will be taking a more in depth look at a variety of online safety issues, most of which they will have been familiarized with in previous years. They will be introduced to the idea of the internet, as a type of media, and how it can shape our ideas about boys and girls through stereotypes. Children will be given ways to deal with online content that they find worrying or even believe to be dangerous.

### **Computing - Spreadsheets**

By the end of this unit, children will have an understanding of spreadsheets and how they can be used. Examples include number calculations, sports league tables, test scores, and budget planning. In the final lesson, Year 6 will design their own spreadsheet, with ideas and direction provided for particular purposes.

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### **Computing - Scratch: Animated Stories**

In this unit, Year 6 will build on skills learned in skills learned in Years 2,3,4 and 5. The unit is designed to help children in continuing to develop their skills in writing their own algorithms as well as editing and debugging existing codes. New skills are introduced to structure code and animate characters and scenes, gradually building to create a short animated story.

### **Computing - Kodu Programming**

In this unit, Year 6 will be introduced to programming with Kodu, a simple visual programming language made specifically for creating games. Year 6 will enjoy Kodu because they control it all: they can design the rules of their games, the characters that players see, the environments in the background, the points system for scoring, and much more.

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### **Computing -Film-Making**

This aim of this unit is to allow children to explore various aspects of film-making. In doing so, they must choose and use appropriate software in order to complete tasks such as writing a script, researching information, filming and editing. As well as using digital devices for recording (video camera or tablet), children work through pre- and post-production stages, planning good-quality interviews for a documentary and completing the process with use of video editing software such as Windows Movie Maker.

### **Computing - Using and Applying Skills**

In this unit, Year 6 will use and apply all of the skills they have learned over the course of the year. They will select, use and combine a variety of software to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.