

Year 5	<p><u>RE -Come and See</u> Domestic church family</p> <p>Baptism/ confirmation belonging</p> <p>Advent/ Christmas loving</p> <p>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. The children will be encouraged to link faith to their own experiences and start thinking about questions which are difficult to answer.</p>	<p><u>RE -Come and See</u> Local church community</p> <p>Eucharist relating</p> <p>Lent/Easter giving</p> <p>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</p>	<p><u>RE -Come and See</u> Pentecost serving</p> <p>Reconciliation Inter-relating</p> <p>Universal Church world</p> <p>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. 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.</p>
	<p><u>Literacy -Literacy Tree and National Curriculum</u> The children will be reading a wide and varied range of texts. They will write biographies, diary entries, letters, instructions and study classic poems. We will continue to work on our reading and comprehension skills, predicting and summarising. Children will use dictionaries to check the meaning and spelling of words. Children will be tested on spellings weekly. During guided reading we will draw on inferences, exploring characters' thoughts and feelings and asking questions for understanding. They will continue to proof read for punctuation and spelling errors.</p>	<p><u>Literacy -Literacy Tree and National Curriculum</u> We will continue to work on reading and comprehension skills. We will be studying a famous play by William Shakespeare. We will be looking at meaning of language, exploring characters and interpreting scenes into modern language. We will write diary entries and hold debates, all related to the play. We will also look at some poetry by Shakespeare. During this term, we will continue to write a range of narratives, focusing on fiction and non-fiction. The children will continue to practice their handwriting and will be heard read for guided reading as a group. They will continue to proof read for punctuation and spelling errors.</p>	<p><u>Literacy -Literacy Tree and National Curriculum</u> The children will be reading a wide and varied range of texts We will be writing non-chronological reports and using persuasive language to write letters. We will be looking at meaning of language, exploring characters and settings. We will also look at a range of poetry. The children will continue to distinguish between homophones and to use knowledge of morphology and etymology. During guided reading we will continue to make predictions and summarise texts. Children will also continue to practice handwriting. They will continue to proof read for punctuation and spelling errors.</p>
	<p><u>Maths - White Rose/Hamilton and National Curriculum</u> In maths, we will continue to practise daily mental maths/arithmetic. The children will learn how to use compact methods of calculation for speed and accuracy. 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. The children will work with co-ordinates in two/four quadrants.</p>	<p><u>Maths - White Rose/Hamilton and National Curriculum</u> In maths, we will continue to practise daily mental maths/arithmetic. The children will learn how to use compact methods of calculation for speed and accuracy. 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. The children will work with co-ordinates in two/four quadrants.</p>	<p><u>Maths - White Rose/Hamilton and National Curriculum</u> In maths, we will continue to practise daily mental maths/arithmetic. The children will learn how to use compact methods of calculation for speed and accuracy - developing to being confident with long division and long multiplication. 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. The children will work with co-ordinates in two/four quadrants.</p>

Science - Earth and Space

This unit is the only Astronomy related science unit in the primary science curriculum. The aim is to give children a basic overview of Earth and its place in our Solar System.

Science - Forces

This 'Forces' unit will teach the children about types of forces such as gravity, friction, water resistance and air resistance. During some of the practical science work, The children will discuss how variables other than the one being tested can be kept the same to help make a test fair.

Geography - The Amazing Americas

In this unit, children will first find out about the continents of North and South America, and the countries that form them. They will also look in more detail at some of the contrasting regions of the Americas, finding out about the landscape, climate and locations of each area. There will look at similarities and differences between a region of the Americas and where they live. Children will also develop their map and atlas skills and practise reading and writing coordinates.

History- Ancient Greece

In this unit, Children will learn an overview of the Ancient Greek civilisation including its geography, trade, climate, farming, religion, language, government and architecture; They will then look how Ancient Greeks were divided by loyalty to rival city-states and philosophy. Finally, they will look at the lasting legacy of this civilisation and its impact on modern life.

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

Science - Properties and Changes of Materials

This 'Properties and Changes of Materials' unit will teach the children about different materials, their uses and their properties, as well as dissolving, separating mixtures and irreversible changes. The children will sort and classify objects according to their properties. They will work scientifically and collaboratively to investigate the best thermal insulator to make a lunch box, making predictions and forming conclusions.

Science - Living Things and their Habitats

This 'Living Things and Their Habitats' unit will teach the children about the process of reproduction and the life cycles of plants, mammals, amphibians, insects and birds. The children will explore reproduction in different plants, including different methods of pollination and asexual reproduction.

Geography - Magnificent Mountains

In this Unit, children find out about the major mountains of the world and the UK. They find out the different ways in which mountains have been formed, and how different features of mountain ranges have been shaped over time. Children will have the opportunity to consider what the weather is like in a mountainous environment and to evaluate the impact that tourism has on a mountainous region.

History -Local History

In this unit, children will look at the development of Thamesmead/Abbey Wood including the history of Lesnes Abbey. It will explore; how the transport links were developed, how the 'high street' has changed and why.

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

Science - Animals Including Humans

This 'Living Things and Their Habitats' unit will teach the children will learn about the process of reproduction and the life cycles of plants, mammals, amphibians, insects and birds. They will explore reproduction in different plants, including different methods of pollination and asexual reproduction. They will recap their work in Year 3 by playing a game to name the parts of a flower. They will explore metamorphosis in insects and amphibians, comparing their life cycles.

Science - Scientists and Inventors

In this unit the children will learn about the life and work of David Attenborough, and create a documentary about a living thing of their choice. The children will learn about how CSI technicians use scientific techniques to analyse evidence and prove or disprove theories.

Geography - Marvellous Maps

Marvellous Maps allows children to further explore the range of maps available to geographers and to develop their understanding of the key features of maps. They will study a range of maps and atlases, including digital maps, and compare their features. They will learn to use the eight compass points to give directions and give grid references to locate places on a map. By comparing maps of the same place, children will learn about the way that places have changed over time.

History - Trade and culture of the Georgian Period

In this unit, children will learn what life in Georgian London was like. They will learn that it was a period of great change and innovation. As well as having a central focus of trade during that period. They will learn about the role of The East India Company and the effect of global power.

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 *to perform a musical composition*.

PE - Team Games/Swimming

During the autumn term, Year 5 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. This term Year 5 will be going swimming where the children will be taught to use a range of strokes effectively and swim competently, confidently and proficiently over a distance of at least 25 metres.

French - Languages - Twinkl Planit

Getting to Know You

Children will learn to express their emotions and to talk about the future using two different tenses.

All About Ourselves

Children will learn to describe their own appearance and they will be taught grammatical features of French such as the position of adjectives.

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

PE - Team Games/Gymnastics

In the spring term, Year 5 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

That's Tasty

Children will learn specific vocabulary of how to say what food and they drink they like and what they like to eat for breakfast a range of foods.

Family and Friends

Children will learn how French adjectives must agree with the noun they describe in relation to both number and gender.

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.

PE - Dance/Athletics

In the summer term, Year 5 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. 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

School Life

Children will be taught key vocabulary related to objects, subjects and prepositional language. They will also learn how to ask and answer questions in French.

Time Travelling

Children will be introduced to one of the common past tenses in the French language. They will be taught how to give dates of birth/death.

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-Online Safety

Children will gain a greater understanding of the impact that sharing digital content can have. They will review sources of support when using technology and be aware of appropriate and inappropriate text, photographs and videos as well as the impact of sharing these online.

Concept Maps and Word Processing

In this unit, children will start to understand the uses of a 'concept map' and how visual representation can help when generating and discussing complex ideas. The Word processing unit will cover programmes such as Microsoft Word and Google Docs.

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- Spreadsheets

Children will learn how to use formulae within a spreadsheet to convert measurements of length and distance. They will use spreadsheet to model a real-life problem.

Computing- 3D Modelling

In this unit, children will be introduced to the 2Design and Make tool in order to design a 3D model to fit certain criteria.

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- Coding and Micro:bits

Children will review existing coding knowledge. They will then use decomposition to make a plan of a real-life situation. In the micro:bit unit, children will apply concepts to make a computer simulation of a real-world system.

Computing- Game Creator

In this unit, children will begin to plan and design a game. They will share the game with the peers and self and peer assess the outcome of the game.