

Year 2	<p><b><u>RE- Come and See</u></b>  Domestic church family  Baptism/confirmation belonging  Advent/Christmas loving  During the Autumn term we will be looking at Chosen People and the Mysteries of faith. Within this we will consider Ourselves, the gifts that God has given us and how to use them in a positive way. We will also learn of some of the stories of Moses, Abraham and Daniel and understand why and how they were chosen. In our Mysteries topic we will consider what we imagine Heaven to be like as well as exploring the Joyful Mysteries. We will also spend some of our religion lessons learning about Judaism.</p> <p><b><u>Literacy - Hamilton Trust and National Curriculum</u></b>  In writing we will be focusing on using the correct punctuation, sentence starters, conjunctions, adjectives and adverbs. Within these lessons and our phonic sessions, we will work on our phonic knowledge to help us to spell and read words. The children will also begin to learn the skill of proof reading their work, looking for punctuation and spelling errors. In reading, we will develop our understanding of features such as the glossary, contents page and blurb. During our guided reading sessions, we will develop our understanding of the text through questioning and discussion.</p> <p><b><u>Maths - Maths Mastery and National Curriculum</u></b>  Units 1-6: Numbers within 100, addition and subtraction of 2-digit numbers and word problems, length, graphs. Multiplication and division 2,5,10. We will be starting completing work under the four areas of number sense, additive reasoning, multiplicative reasoning and geometric reasoning. As part of this we will be consolidating our understanding of number, especially place value. We will look at ordering, comparing, adding, subtracting, multiplying and dividing numbers; taking time to full understand what happens when we use each operation. We will be continuing to apply our maths skills to problem solving involving shape, money, time and measures.</p>	<p><b><u>RE- Come and See</u></b>  Local church community  Eucharist relating  Lent/Easter giving  During the Spring terms, we will be learning about the good news spread by Jesus in parables such as 'The Ten Lepers' and 'Jesus feeds 5'000 people'. We will be thinking about the lessons that we learn from these stories and what they mean to our faith. We will also begin to look more at The Mass to understand its different parts and their meanings.</p> <p><b><u>Literacy - Hamilton Trust and National Curriculum</u></b>  In reading, the children will continue to develop their comprehension skills through guided reading session. In particular, we will consider what has happened on the text, how characters are feeling and the language that the author has used to add interest to a text. Through using a range of books, we will continue to develop and improve our sentence writing skills. We will work more on the correct use of punctuation and grammar. We will build on using adjectives, connectives and adverbs in different forms of writing such as poetry and stories.</p> <p><b><u>Maths - Maths Mastery and National Curriculum</u></b>  Units 7-11: time, fractions, addition and subtraction of 2-digits (regrouping) money, shape pattern and turns. We will be continuing to work through the new framework, starting at sequence 6 which introduces the children to multiplication where we will explore arrays. Place value will remain a key element of all lessons and mental maths sessions will revise this alongside other number facts such as odd and even numbers, number bonds and number patterns</p>	<p><b><u>RE- Come and See</u></b>  Pentecost serving  Reconciliation Inter-relating  Universal Church world  During the summer terms we will be learning of the events surrounding Jesus' resurrection and the birth of the Church. We will spend some time reflecting on the Holy Spirit and the gifts that he brings. In addition to our continued learning about, and reflection on our own faith, we will also spend some time learning about Hinduism.</p> <p><b><u>Literacy - Hamilton Trust and National Curriculum</u></b>  The children will be continuing to develop their writing and spelling skills. We will be focusing on poetry, recounts and information texts. Children will be expected to continue learning spellings; these will consist of high frequency words. The children will continue to build on their phonetic knowledge through a range of digraphs and use prefixes and suffixes to spell longer words. The children will also continue to learn the skill of proof reading, checking for punctuation and spelling errors in their work. They will also be practising their handwriting skills and will be heard for guided reading as a group.</p> <p><b><u>Maths - Maths Mastery and National Curriculum</u></b>  Units 12-16: numbers within 1000, measures, calculation strategies for addition and subtraction. Multiplication and division 3 and 4. We will be continuing to apply our maths skills to problem solving involving shape, money, time and measure. Together, we will develop a better understanding of mathematical vocabulary - in particular, words relating to calculation. We will also tackle more 2 and 3 step problems to help prepare us for the challenges of KS2.</p>
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### **Science - Living Things and Their Habitats**

In this unit the children will learn about a variety of habitats and the plants and animals that live there. They learn to tell the difference between things that are living, dead and things that have never been alive, and apply this in a range of contexts. This unit allows the children to research a range of global habitats.

### **Science - Animals including Humans**

In this unit, the children will learn about how humans and other animals are born, grow and change, and what we need to survive and be healthy. Throughout the unit, the learning materials encourage children to make positive choices that contribute to a healthy lifestyle.

### **Geography - What a Wonderful World**

Children will learn about the location of countries, continents and oceans of the world in relation to the position of the United Kingdom and children's own locality. Children will develop global and understand that the world is spherical. Map skills will be developed by using atlases, world maps and globes, along with using aerial photographs to recognise human and physical features including landmarks. Key focus will be Kenya.

### **History - Great fire of London**

This Great Fire of London unit will teach the children about the key events of the Great Fire of London, and help the children to develop an understanding of the ways in which we can find out about the past through discussing primary sources. They will be introduced to Samuel Pepys and his infamous diary. The children will have the opportunity to increase their awareness of the past by comparing and contrasting past and present-day London

### **Science - Uses of Everyday Materials**

This 'Uses of Everyday Materials' unit will teach the children about the uses of everyday materials including wood, plastic, metal, glass, brick, paper and cardboard. They explore how objects made of some everyday materials can change shape and how the recycling process is able to reuse some everyday materials numerous times.

### **Science - The Environment**

This Environment Unit introduces the children to the ecological challenges that face the modern world. The children will undertake a range of activities that challenge them to understand the simple changes we can make to live more sustainable lives.

### **Geography - Magical Mapping**

Children will develop key map skills through a range of engaging geographical skill based activities. Children will explore a range of maps at a local, national and global level, developing their understanding of how to navigate around an atlas to find key countries, continents, oceans and seas along with devising their own maps and routes. They will also look at aerial photographs learn how to 'view from above' looking at aerial photographs to spot human and physical features, understand simple map symbols, compass directions and develop key geographical vocabulary throughout the unit.

### **History - Nurturing Nurses**

This nurturing nurses' unit will teach the children about the influential nurses Florence Nightingale, Mary Seacole and Edith Cavell. Children will be encouraged to think about what makes a person significant, explore and compare the lives and work of these nurses and considers how these individuals have influenced nursing today

### **Science - Plants**

In this unit children have the opportunity to closely study plants and trees in the natural environment, taking measurements and making observational drawings. The children will plant a seed and a bulb and compare them as they grow. The children will begin to learn about plants we eat, and understand that farming involves creating the right conditions for food crops to grow.

### **Science - Scientists and Inventors**

This 'Scientists and Inventors' unit will teach your class about famous scientists and inventors linked to the Year 2 science curriculum. Throughout the unit, the children will work in a fun and hands-on way to learn about scientists and inventors.

### **Geography - Sensational Safari**

In this unit, children will focus on the main human and physical features of the country Kenya. Children will learn about the key geographical features of the country including Kenyan wildlife, landscapes and culture. Children will learn about the similarities and differences between Kenya and the UK along with continuing to develop their geographical skills through a variety of fun and interactive activities.

### **History - Travel and Transport**

This Travel and Transport unit will teach about the development of travel and transport throughout history. Alongside consolidating the children's understanding of chronology through using timelines and making comparisons between old and new forms of transport, the unit focuses on early travel methods of the Vikings, through to the invention of cars, trains and aeroplanes. It also looks at the significant individuals George Stephenson and the Wright brothers

### Art – Picture This

In this unit children explore an issue or event in their lives. They learn how to use a viewfinder and record their observations and ideas using a variety of methods, including photography and collage. They look at and comment on the work of photographers and illustrators.

### DT – Design and Make Vehicles

This unit builds on children's experiences of joining and combining sheet and reclaimed materials and of using moving joints. They learn about wheels and axles and how to use these when making wheeled vehicles for a specific purpose. They are encouraged to develop their design ideas based on investigating vehicles in the world around them. Work in this unit also offers opportunities to use construction kits, and computer-generated graphics or text to enhance their finished products, to apply basic measuring skills and to draw on knowledge of forces from science.

### PE – Team Games/Dance

Throughout the Autumn term, Year 2 will be taking part in games based activities in order to show understanding of rules within a game. Year 2 will be adapting these games to apply different ball skills such as bouncing, throwing and catching. Year 2 will also be working in teams and improving their teamwork and tactics in order to win. In Liturgical dance, Year 2 will think about how they can link dance to our faith in Jesus Christ. They will perform dances using a range of movement patterns.

### Languages – French

The children will learn basic greetings, introductions, numbers, colours and sing songs

### Art – Mother Nature

In this unit children explore line, shape, colour and texture in natural forms. They make observations of natural objects and use their observations as the basis for textile design. They use their experience of fabrics to make a collage and learn and use simple techniques for appliqué.

### DT – Design and make Joseph's Coat

Through this unit children will learn to use a graphics program to design a model of a simple coat linked to the story of Joseph's coat of many colours. They learn to use simple paper patterns to make a coat and simple joining techniques for fabrics. They learn to communicate their ideas through talking, freehand drawing and using a graphics program. Basic sewing skills such as running stitch, back stitch and over stitch are taught.

### PE – Gymnastics/Team Games

The children will participate in team games, developing simple tactics for attacking and defending. The key skills of mastering basic movements taught in EYFS and Year 1 are built upon, so the children begin to apply these in a range of team games. In gymnastics the children will be developing flexibility, strength, technique, control and balance to show development of skills through linking sequences of moves together and travelling around.

### Languages – French

The children will learn basic greetings, introductions, numbers, colours and sing songs

### Art – Can Buildings Speak?

Children explore shape and pattern in buildings. They begin by producing prints and rubbings of patterns found in buildings and go on to look at, and record, the use of shape, space and pattern in local buildings. They question how these features tell us something about the purpose of the building. They work in groups to produce a relief sculpture for temporary display, using their first-hand observations as a starting point.

### DT – Packed Lunch Problems

The children will develop a greater understanding of structures/packaging. We will explore different types of lunch boxes and develop their own ideas. We will follow a design-criteria and create a model from materials. We will look at how structures are made stronger. In addition to this, we will look at creating a recipe for a 'healthy' sandwich for the lunch box.

### PE – Team Games/Athletics

Year 2 will continue with games based learning; enabling the children to understand the concepts of rules and teamwork within invasion games before learning any skill-based activities. In athletics, children will concentrate on developing good basic running, jumping & throwing techniques. They are set challenges for distance and time that involve using different styles & combinations of running, jumping & throwing. As in all athletic activities, children think about how to achieve the greatest speed, height, distance or accuracy.

### Languages – French

The children will learn basic greetings, introductions, numbers, colours and sing songs

### Music – focus Singing/Composing

The children will learn how to use their voices expressively and creatively by singing songs and speaking chants and rhymes. They will play tuned and untuned instruments musically individually or as part of a group. The children will develop the skills needed to listen with concentration and understanding to a range of high-quality live and recorded music. Using all the combined skills the children will have the opportunity to experiment with, create, select and combine sounds using the inter-related dimensions of music.

### Computing- Online Safety

In this unit, children learn about how what they do online leaves a trail called a digital footprint. They will look at how to improve the efficiency of their online searches, the types of websites that are best for children to access when looking for information, as well as how to identify inappropriate content and the actions they should take if they do. Children will be introduced to the term 'cyberbullying' and look at how they should communicate online and deal with instances of people being unkind via digital means.

### Computing- Using the Internet

This unit introduces children to using the Internet safely and with a purpose. Children are shown how to search the Internet using one word; how to make sense of the returned results; how to use "for kids" to return more suitable results; how to follow links and return to the search results. Children are encouraged to use a range of search engines, including Google, Bing and Yahoo, and some more child-friendly engines like Kidrex. The children then learn to blog safely and responsibly.

### Music – focus Singing/Composing

The children will learn how to use their voices expressively and creatively by singing songs and speaking chants and rhymes. They will play tuned and untuned instruments musically individually or as part of a group. The children will develop the skills needed to listen with concentration and understanding to a range of high-quality live and recorded music. Using all the combined skills the children will have the opportunity to experiment with, create, select and combine sounds using the inter-related dimensions of music

### Computing – Computer Art

This 'Computer Painting' unit will teach Year 2 key skills that will support progression within the KS1 Computing curriculum. The children will have the opportunity to learn about reproducing the painting styles of great artists using computer programs. Each lesson focuses upon a different artist and their particular style. The children will use this as inspiration for mastering specific techniques within design-based software. At the end of the unit, Year 2 will have the opportunity to use a mixture of the styles and skills learnt within this topic to produce their own computer-painted masterpiece!

### Computing – Presentation Skills

In this unit, children will become familiar with Microsoft Office; they will use both Microsoft Word and Microsoft Presentation. They will learn to organise ideas for a presentation, create a simple presentation with text, add and format an image and reorder ideas.

### Music – focus Singing/Composing

The children will learn how to use their voices expressively and creatively by singing songs and speaking chants and rhymes. They will play tuned and untuned instruments musically individually or as part of a group. The children will develop the skills needed to listen with concentration and understanding to a range of high-quality live and recorded music. Using all the combined skills the children will have the opportunity to experiment with, create, select and combine sounds using the inter-related dimensions of music

### Computing – Preparing for Turtle Logo

Year 2 begin this topic by giving and following instructions to move forward and make quarter turns, followed by walking different rectilinear shapes. The language is extended to use the main Turtle Logo commands. Children will create, text and debug algorithms for shapes and routes around school in preparation for using the commands in the Turtle Logo application.

### Computing – Programming Turtle Logo and Scratch

This Programming Turtle Logo and Scratch unit will teach your class to create and debug algorithms. Following on from the earlier Year 2 unit on Preparing for Turtle Logo, the children use the basic commands in Logo to move and draw using the turtle on screen, and then further develop algorithms using the "repeat" command. The children will then create algorithms in Scratch using a selection of blocks.