

Year 6	<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. We will be linking this to how Jesus showed justice and compassion through his teaching.</p> <p><u>Literacy -Literacy Tree and National Curriculum</u> During English we will be studying and completing work based on a wide range of text 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. We will also study a range of poetry.</p> <p><u>Maths - White Rose/Hamilton and National Curriculum</u> 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.</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>Literacy -Literacy Tree and National Curriculum</u> We will continue to work on reading and comprehension skills by asking questions, identifying themes and justifying inferences with evidence. We will continue to practise 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 punctuation in their writing along with a range of devices to build cohesion within and across paragraphs. The children will study a classic text linked to WWII.</p> <p><u>Maths - White Rose/Hamilton and National Curriculum</u> In maths we will continue to address a range of topics. 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.</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.</p> <p><u>Literacy -Literacy Tree and National Curriculum</u> During English we will be studying a range of text types. 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.</p> <p><u>Maths - White Rose/Hamilton and National Curriculum</u> 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.)</p>
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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.

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 - Changing World

In this unit, children will discover some of the many ways in which the world around them is changing. From coastal erosion to political changes, there are many factors at work. Children will learn about the structure of the United Kingdom and how its shape and geography have changed over thousands of years. Using an online database of photographs, children can explore how landscapes change. In the final lesson of this unit, children have the chance to predict the future and look at which might change again in their lifetimes.

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 measures.

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.

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.

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 - 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 - 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.

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 and hockey.

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.

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.

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.

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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.

Art - What a performance.

To learn 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.

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

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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 and Blogging

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. In the Online Safety unit, children will identify the benefits and risks of mobile devices. They will review the meaning of digital footprint and identify the positive and negative influences of technology on health and the environment. The Blogging unit looks at the purpose of writing a blog and identify the features of how to write a successful blog.

Computing – Quizzing

In this unit, Year 6 will be introduced to the program 2DIY. Children will create a picture based quiz for younger children. They will develop skills in creating surveys and questionnaires and use these surveys to gain information rather than scores.

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

In this unit, Children will build upon their knowledge from Year 5. They will navigate and enter data into cells and demonstrate how Excel can make complex data clear by manipulating the way it is presented. They will be taught to perform basic calculations using a formulae and how to organise data. Children will learn how to incorporate formulae for percentages, averages and how to create graphs.

Computing – Networks

In this unit, children will learn about LAN and WAN. They will research the history of the internet and think about what the future may hold with regards to technology.

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 – Binary and Micro:bits

In the micro:bit unit, children will apply concepts to make a computer simulation of a real-world system. In the Binary unit, children will learn that binary represents numbers using 1s and 0s and these represent the on and off electrical states respectively in hardware and robotics.

Computing – Coding

In this unit, Year 6 will have the opportunity to design and make a program with multiple functions. The unit is designed to help children in continuing to develop their skills in creating their own algorithms as well as editing and debugging existing codes. They will use 2Code to make a text based adventure game and adapt existing adventures to reflect their own ideas. Children will also create simulations of a room in which devices can be controlled.