

Year 4 – Subject Overview



Autumn 1

Subject	Overview
English	We will begin our English lessons this year by focusing on our knowledge of how words are used in writing through our sequence of lessons titled "The Place Value of Punctuation and Grammar", which will then be utilised throughout the year in each of our writing lessons. Our key text for this half term is 'George's Marvellous Medicine' by Roald Dahl. Throughout the topic, we will discuss dilemmas, narrative verse and figurative devices used in prose writing techniques. Our class targets in literacy are: Writing - to use inverted commas for direct speech, and writing cohesive paragraphs effectively Reading - Draw inferences such as inferring characters' feelings, thoughts and motives from their actions.
Maths	In maths we will be looking at place value, addition and subtraction. We will continue to develop our mental strategies. In this unit we will use money for context for adding and subtracting. It is essential that the children continue to practise their multiplication tables and division facts.
RE	<i>Please see the 'Catholic Life' tab on our website to see which Virtue we are focussing on this half term.</i> Autumn 1 - Creation and Covenant During this half term, across the school, teachers will be delivering lessons from the 'Creation and Covenant' branch from the new RE curriculum 'Discerning Disciples'. As children move up the school, they will be developing their knowledge, discernment and response to the Creation story. They will also develop their understanding of what is meant by 'covenant' and will explore God's covenant with Noah, Abraham and Moses.
Science	This half-term, we will be investigating electricity. The children will learn how electric circuits can be made with different types

	of output. We will be carrying out tests to monitor the brightness of bulbs depending on changing variables. We will be developing our understanding to create a buzzer game that will include completing and breaking circuits.
PE	<i>Please see website to see which day your child has PE this half term.</i> This half-term, Year 4 will be developing their skills of movement, cooperation, direction and position, through the activity of orienteering, using our custom-built course around the school grounds. The children will also begin to explore rhythm, balance, co-ordination and sequencing movements together during their Dance lessons with Miss Georgina this halfterm, within the context of our History topic, the Romans. Please ensure children have the correct P.E for indoor and outdoor lessons .
History	This half term, we will be learning about how the Romans changed our way of life in Britain and left a very strong impression on the British way of life. We will be studying about famous Romans and their role in how the Roman Empire became so strong and spread so successfully across a large part of the world.
Art	During this half term Year Four will be learning about how drawing, sketching, colouring and different types of artistic media can be used to tell stories in a variety of different ways. The children will have the opportunity to create their own storytelling devices, as well as study the work of Lewis Carroll's Jabberwocky.
PSHE	In PSHE, Year 4 will be working on the Jigsaw topic - Being me in my World.
Computing	Online Safety and Effective searching
Autumn 2 	
Subject	Overview
English	Our focus this half-term will be to continue 'Georges Marvellous Medicine' and writing in a wider range of genre styles, such as Instruction writing, Diary entries, and mixed media posters.

	Reading - to continue to draw inferences such as inferring characters' feelings, thoughts and motives from their actions.
Maths	The children will continue to deepen their understanding of Place Value. They will continue to work on addition and subtraction with a focus on written subtraction. We will explore area and how to calculate it. In multiplications and division we will discover how important our times tables are. It is essential that the children continue to practise their multiplication tables and division facts.
RE	<i>Please see the 'Catholic Life' tab on our website to see which Virtue we are focussing on this half term.</i> Autumn 2 - Prophecy and Promise During this half term, across the school, teachers will be delivering lessons from the 'Prophecy and Promise' branch from the new RE curriculum 'Discerning Disciples'. As children move up the school, they will be developing their knowledge, discernment and response to areas of the curriculum including Advent, the expectant waiting for the Messiah, the messages and teachings of the prophets, the fulfilment of God's promise and the Nativity story.
Science	This half-term, we will be investigating the science behind how sound waves travel, including pitch, volume, bass, and the structure of the human ear. They will perform experiments about which will provide the best insulation against sound, and how far sound can travel.
PE	Please see website to see which day your child has PE this half term. This half-term, Year 4 will have a chance to expand their understanding of balance and control through our Gymnastics lessons, as well as beginning to understand how the human body changes and improves through physical activity and fitness, in our HRE (health Related Exercise) lessons, paying particular attention to our heart rates throughout the lessons. Please ensure children have the correct P.E for indoor and outdoor lessons .
DT	During this half term Year Four will be designing and producing an electrical product, using their scientific knowledge from last half term. They will follow the design process of investigation, initial

	design, production and evaluation.
Geography	This 'All around the World' Unit allows children to take a closer look at where the countries of the world are located, and some of the ways geographers describe locations. Children will learn to locate and describe places using longitude and latitude, and find out about some of the important lines that delineate specific areas of the Earth - the Equator, the Hemispheres, the Poles and the Tropics. Finally, by looking more closely at the lines of longitude, children will develop their understanding of time zones.
PSHE	In PSHE, Year 4 will be working on the Jigsaw topic - Celebrating Difference.
Computing	Computer Coding through the language of LOGO and Turtle Playground.



Spring 1

Subject	Overview
English	Our focus text for this half term is 'A Midsummer Night's Dream' by William Shakespeare and adapted by Andrew Matthew and Tony Ross. Throughout this topic, we will be looking at script-genre writing, narrative writing, character description, setting description through prose writing. Our class targets in literacy are: Writing - to use fronted adverbials for time and place. To write interesting and evocative expanded noun phrases for descriptions. Reading - to continue to draw inferences such as inferring characters' feelings, thoughts and motives from their actions.
Maths	In maths, we will look at multiplication and division. WE will be learning how to find and use factor pairs, how to multiply a number using a written method, how to multiply and divide numbers in our heads and finding remainders when a number is divided. It is essential that the children continue to practise their multiplication tables and division facts. Children will be tested weekly on times tables in preparation for their Multiplication Times Tables Check in June.

RE	<i>Please see the 'Catholic Life' tab on our website to see which Virtue we are focussing on this half term.</i> Spring 1 - Galilee to Jerusalem During this half term, across the school, teachers will be delivering lessons from the 'Galilee to Jerusalem' branch from the new RE curriculum 'Discerning Disciples'. As children move up the school, they will be developing their knowledge, discernment and response to areas of the curriculum including Jesus's ministry, the parables and miracles of Jesus, his teachings, the concept of discipleship and being a follower of Christ.
Science	This half-term, we will be studying Animals including humans - Digestion and teeth. The children will be able to: • describe the simple functions of the basic parts of the digestive system in humans • identify the different types of teeth in humans and their simple functions • construct and interpret a variety of food chains, identifying producers, predators and prey.
PE	Please see website to see which day your child has PE this half term. This half-term, Year 4 will learn the skills and rules involved in the game of Handball, and improve their understanding of invasion games where both offence and defence are key skills. We will also be expanding our earlier learning about movement and balance through the activity of Parkour, a wildly energetic activity that approaches controlled movement alongside rapid variable heights and jumps. Please ensure children have the correct P.E for indoor and outdoor lessons .
Art	During this half term Year Four will have the opportunity to explore pattern through line shape and colour, and develop a range of technical skills through sketching and collage. We also introduce the idea that working with pattern can be a mindful and relaxing activity, and that as humans we respond to patterns made by other people.
RSHE	In RSHE, Year 4 will be following the Ten Ten unit - We don't have to be the same.

	Within this unit the children will learn about puberty and the changes that happen to our bodies.
Computing	Computing Programming using block-based coding, through Scratch
Spring 2 	
Subject	Overview
English	Our text for this half term will continue with 'A Midsummer Night's Dream' and we will expand our writing genres to include imagery and descriptive and poetry, and informal letter writing. Writing - to use impressive vocabulary and emotive sentences, to include fronted adverbials and selecting conjunctions to extend our sentences. Reading - to predict what might happen next in a story by fully understanding the characters and how they might react.
Maths	We will continue to work on multiplication and division. Length and perimeter will allow us to look at measure and revisit addition. We will also study fractions and be introducing decimal numbers. It is essential that the children continue to practise their multiplication tables and division facts. Children will be tested weekly on times tables in preparation for their Multiplication Times Tables Check in June.
RE	<i>Please see the 'Catholic Life' tab on our website to see which Virtue we are focussing on this half term.</i> Spring 2 - Desert to Garden During this half term, across the school, teachers will be delivering lessons from the 'Desert to Garden' branch from the new RE curriculum 'Discerning Disciples'. As children move up the school, they will be developing their knowledge, discernment and response to areas of the curriculum including the liturgical season of Lent, Holy Week and the journey of darkness into light during the passion of Christ and into Easter Sunday.

Science	This half-term, we will be studying Living things and their habitats. The children will be able to: Become experts in the use of classification keys to help group, identify and name a variety of living things. Learn about the 7 characteristics of a living thing (MRS NERG/MRS GREN). Sort living things in a number of ways and make a dichotomous classification key to identify local invertebrates. Make observational drawings of insects.
PE	Please see website to see which day your child has PE this half term. In our PE this half-term we welcome Miss Georgina back to continue our development of Dance, within the context of <i>A Midsummer Night's Dream</i>, using a range of evocative music to create scenes we are familiar with from the play. We will also expand our understanding of invasion games through the sport of Tag Rugby.
DT	During this half term Year Four will study different types of bridges and different ways to create these structures. The children will decide which materials are suitable for making their bridges, which will allow them to apply knowledge of materials and their properties and adapt these materials and shapes to develop strong bridge structures capable of bearing a set amount of weight.
Geography	Our Geography topic for this half term is Rivers. The children will be able to name and locate the main rivers in the UK and a number of the World's longest rivers. They will know and label the main features of a river and why most cities are located by a river. They will also be able to explain the features of a water cycle.
PSHE	In PSHE, Year 4 will be working on the Jigsaw topic - Healthy Me.
Computing	Word Processing, Formatting and Editing text using Microsoft Suite programmes.
 Summer 1	
Subject	Overview

English	Our focus text for this half term is 'Journey to Jo'burg' by Beverley Naidoo Throughout this topic, we will be studying narrative devices using the context of diary entries and narrative prose. Our class targets in literacy this half term are: Writing - to invoke a sense of emotion in the reader through the use of language and narrative device, and to use compound and complex sentence structures. Reading - to predict what might happen next in a story by fully understanding the characters and how they might react.
Maths	In maths, we will be continuing our work on decimals before moving on to explore money. We will then focus on time, converting hours, minutes and seconds and using both analogue and digital clocks. We will also be continuing to work on our times tables.
RE	<i>Please see the 'Catholic Life' tab on our website to see which Virtue we are focussing on this half term.</i> Summer 1 - To the Ends of the Earth During this half term, across the school, teachers will be delivering lessons from the 'To the Ends of the Earth' branch from the new RE curriculum 'Discerning Disciples'. As children move up the school, they will be developing their knowledge, discernment and response to areas of the curriculum including the time of Eastertide, the story of Resurrection and Ascension, the coming of the Holy Spirit at Pentecost, the story of the Apostles and the early Church and Church today - community, role, liturgy structures (mass)
Science	This half-term, we will be studying States of Matter—Materials The children will be able to: · Compare and group materials together, according to whether they are solids, liquids or gases · Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C) · Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.
PE	Please see website to see which day your child has PE this half term. This half-term our children will be starting our swimming lessons

	each Wednesday afternoon. This will help us improve our knowledge of water safety and beginning to understand swimming technique. This will help us achieve the end-of-Y6 target of being able to confidently swim 25m with a range of strokes. We will also be practicing throwing, catching, striking and fielding through the sport of Cricket.
History	<u>Our</u> history topic for this half term is The Tudor period of England's history, looking at the different kings and queens of the time period, how events during the Tudor period influenced the modern world, and how life was different for a citizen of England at that time, particularly in regards to crime and punishment
Art	During this half term Year Four will study design, focussing on the use of shape and texture in sculpture and statue, including the concept of why art is displayed the way it is.
PSHE	In PSHE, Year 4 will be working on the Jigsaw topic - Relationships.
Computing	Photo media editing using Paint.Net

Summer 2



Subject	Overview
English	Our focus text for this half term will continue our reading and writing based on 'Journey to Jo'burg', and we will finish our genre writing by composing narrative fiction of an alternative chapter, and a non-chronological information report about the difficulties and challenges that people in South Africa faced during the period we are reading about. Writing - to use fronted adverbials; to create persuasion through word choice and layout. Reading - to use and understand inference and deduction
Maths	Throughout this half term we will be studying statistics, angles, 2D shapes, position and direction. The children will continue to be encouraged to practise their times tables regularly.
RE	<i>Please see the 'Catholic Life' tab on our website to see which Virtue we are focussing on this half term.</i>

	Summer 2 - Dialogue and Encounter During this half term, across the school, teachers will be delivering lessons from the 'To the Ends of the Earth' branch from the new RE curriculum 'Discerning Disciples'. This unit gives children across the school to explore how Christians engage with people of different faiths and religions. We encourage a sense of respect and dignity to all.
Science	This half-term, we will be studying States of Matter— The Water Cycle. Stages of the water cycle are a key part of KS2 science curriculum. The children will understand the stages of the water cycle . They will learn about the different stages of the cycle, including all the important vocab they need to explain the process. They will watch a film clip together of the water cycle in action. Then, they will have the chance to show their scientific prowess by creating their very own water wheel.
PE	Please see website to see which day your child has PE this half term. In PE this half-term we will continue our swimming lessons each Wednesday. We will also begin our unit on Athletics, each week focusing on a different throwing, running and jumping activity, such as long jump, triple jump, javelin, discus, 100m sprint, 500m distance run, team relay.
RSE	In RSE Year 4 will be working on our knowledge about how we are created by God to love each other in community, and that God has a plan for all of us.
Geography	Our Geography topic for this half term is Mountains. The children will learn all about the key features of a mountain range. They will locate the main mountain ranges of the UK and the World. The children will also plan a journey within the UK using a road
DT	During this half term Year Four will learn about healthy eating, composition of healthy meals, correct knife skill techniques, kitchen hygiene, and how to prepare a full meal.
Computing	Vector Graphics and computing illustrations.