

## Year 4 - Autumn Term

<b>English</b>	We begin by focusing on fiction stories with imaginary and historical settings. The children learn the different descriptive features of each and write stories set in an imaginary world using the book 'Leon and the Place Between' by Angela MacAllister and 'The Whale' by Ethan and Vita Murrow. We will also be reading 'Escape from Pompeii' by Christina Balit that has links to our learning of the Romans in history lessons. We also study poetry and non-chronological reports. 'The Boy at the Back of the Class' by Onjali Rauf will be our text for whole class reading throughout the term.
<b>Maths</b>	The children count and partition numbers up to 4-digits and identify different strategies for calculations. They also extend their knowledge of number facts and develop their use of inverse operations to help with their times tables. We also calculate the perimeter of 2D shapes using different equipment.
<b>Science</b>	Our science topics are States of Matter and Sound. In States of Matter we identify the differences between solids, liquids and gases and consider the behaviour of particles in each state. We investigate how materials change in state when they are heated or cooled and use the correct scientific vocabulary for each part of these processes. In Sound we identify how sound is made and how it travels. We investigate, carefully considering how to make our investigations fair. This links to our music learning when we identify the creation of high and low pitches and loud and soft sounds.
<b>RE</b>	In RE this term we study Hinduism. We identify beliefs and practices with a focus on the festival of Diwali. We also look at the Christian story of Christmas and consider how this is celebrated.
<b>PSHCE</b>	Our circle time discussions focus on new beginnings associated with this time of year. We write our class rules and consider new and ongoing friendships. We also discuss the British values with a focus on democracy. We also think about freedom and responsibility.
<b>Computing</b>	In computing we look at Google Classroom and we are learning how to create Google docs and Google Slides using different features. We also focus on how to navigate the internet safely.
<b>PE</b>	In outdoor PE we practise ball skills within football and netball. In our sessions we explore stretching and exercises designed to improve our strength and flexibility.
<b>Topic</b>	<b>Roman Britain</b>
<b>History</b>	In this topic our history learning begins by ordering events on a timeline. We discover historical practices and beliefs of two different societies; Celtic Britain and the Roman Empire. We learn about the daily life of both societies, with a particular focus on their daily living, farming methods and beliefs and find out how these changed over time. The children use a range of secondary sources to find information. From this learning the children understand the cultural importance of different aspects of life in the two societies, such as the cultural significance of how written language developed.
<b>Geography</b>	Our geography learning within this topic includes identifying the importance of physical features of landscape such as rivers for settlements and how this changed over time with other developments in society. We also look at the location of the Roman Empire in the world and the countries that were under Roman rule.
<b>DT</b>	We design and construct our own Celtic and Roman shields out of cardboard and then test their effectiveness using different military formations and contrast the two.
<b>Art</b>	We research and look at patterns in Roman art and discuss the mosaic technique. We then design and make our own Roman floor tile mosaic.
<b>Music</b>	In Year 4 children are given the opportunity to learn the ukulele. They are taught a range of chords and notes and they learn to read tab notation. They develop group and part singing and learn how to improve the quality of sound.
<b>Spanish</b>	We learn basic greetings, simple opinions, the alphabet and numbers. Children ask and answer how they are feeling, their names and their age. They learn to spell their names, count up to 100 and produce small dialogues. They also learn about Spanish culture.

## Year 4 - Spring Term

<b>English</b>	We look at stories from other cultures (e.g. <i>The Great Kapok Tree</i> by Lynne Cherry), learn about the features and consider the thoughts and feelings of characters. The children participate in role-play activities and develop these ideas in extended writing. For our focus into non-fiction writing, we study information texts where we research rainforest animals to link with our rainforest topic. We then create our own information books and use persuasive writing techniques to write letters highlighting the issue of deforestation and palm oil production. We also look at information texts and play-scripts. In each case, we will be identifying their key features and writing our own. "The Explorer" by Katherine Rundell will be our focus text for whole class reading lessons.
<b>Maths</b>	Children are introduced to decimal numbers and the different strategies for solving calculations involving decimals. Children are also reintroduced to fractions and measuring using area and perimeter. There is a focus on problem solving to apply these skills. We look at measuring using different units. We continue to extend our knowledge of the written methods for multiplication and division.
<b>Science</b>	In <i>Living things and their Habitats</i> , we learn about habitats and consider which animal lives where and why. We look at the 7 life processes and explore habitats in our local environment. This links to our topic learning about the rainforest. We also learn about the human body in <i>Animals including Humans</i> . Through this learning, we look at teeth and digestion. We also look at food chains.
<b>RE</b>	This term we study Christianity (places of Christian worship) and Hinduism focusing on Hindu life.
<b>PSHCE</b>	In our circle time we will be looking at diversity and living in the wider world. We will learn about how we grow and change focusing on feelings, friendships and changes that happen in our life. We will also be looking at the values of perseverance and empathy.
<b>Computing</b>	We will continue our learning on Google classroom together with coding and algorithms of computing.
<b>PE</b>	Our outdoor PE learning will develop games techniques in cricket and tag rugby and we will be going swimming. In indoor PE we use gymnastics skills by using apparatus to learn new balances and movements.
<b>Topic</b>	<b>Rainforests</b>
<b>Geography</b>	Our learning about the tropical rainforest involves using maps and atlases to locate various forests around the world and to gain an understanding of the importance of the Equator in their location. We learn about the different biomes that affect vegetation growth around the world. Through research of secondary sources the children collect facts about a chosen animal which they then present through information books in literacy. We also visit London Zoo during this topic to consolidate our learning.
<b>DT</b>	We research, design and create headdresses based on Amazon tribes using paper, card and feathers. We then evaluate our headdresses and the designing and making process. The children develop skills in cutting and measuring accurately.
<b>Art</b>	During this term we use our topic as inspiration and focus on some key artists such as Henri Rousseau.
<b>Music</b>	Within our music learning this term we will continue to develop our skills on the ukulele. We have the opportunity to arrange familiar songs and perform them in creative ways.
<b>Spanish</b>	Children use songs and games to learn how to tell the time. They also talk about the different school subjects.

## Year 4 - Summer Term

<b>English</b>	In English this term we will be looking at stories which raise dilemmas. We will identify how characters and settings are created and developed. We will also look at non-fiction writing in the form of newspaper reports, explanation texts and we will also look at play scripts.
<b>Maths</b>	In Maths this term we will continue to build on our learning in the main strands of Maths. These include counting, partitioning and calculating, securing number facts and understanding shapes, handling data, in the form of graphs and charts and measure. We will also study time, money, measurement and decimals.
<b>Science</b>	Our learning in Science this term will develop our understanding of electricity, inventions and inventors. We will focus on electricity, identifying components of circuits and how we can use these in our own designs.  We will also be looking at the digestive system in humans and identify the different types of teeth in humans.
<b>R.E.</b>	In R.E we will be learning about Christianity and Islam as world religions. We will look at Christian and Islamic celebrations such as Ramadan.
<b>Music</b>	Our Music will continue to build on learning to play the ukulele and we will perform and record a concert to be viewed on the Childeric Google drive to show you what we have learned.
<b>P.E.</b>	In indoor P.E we will learn Boccia with Mr Duhaney. In outdoor P.E we will learn athletics skills with the class teacher.
<b>Computing</b>	We will develop our use of different programmes on computers by learning how to model effects on the screen using algorithms. We will also further develop our Google doc skills by learning how to work with images, change the layout, use the spellcheck and edit spellings, insert and format tables, create hyperlinks.
<b>Topic</b>	Our topic for this term is Vikings. We will be learning our geography, history, DT and Art through this topic. We will look into important key Viking events and Viking invasions of Britain. In Art we will use various skills to create Viking shields. In DT we will plan and design Viking long ships.
<b>PSHCE</b>	We will be looking at the differences in each other and celebrating them. We will discuss the children's aspirations and maintaining relationships. Also we will look at keeping safe in our local area.
<b>Spanish</b>	Throughout the term we will learn Spanish with our specialist teacher. We will learn key vocabulary and sentences around greetings, seasons, numbers, colours and objects in school and at home.