







Year 4 Topic Overview Autumn 1

Autumn 1						
Burps, Bottoms and Bile						
	Our World 	Our Champions 	Our Events 	Our Questions 	Our Creations 	Our Future 
Golden Threads	Classification of animals and food chains French	Ourselves Alexander Fleming	Industrial Revolution Discovery of penicillin	How do we digest things? How have medicines changed over time? What kind of world did Jesus want?	Printed Art Biscuits Gymnastics Sequence	Research into medicines
Memorable Experiences						
English	Narrative Poetry					
Reading For Pleasure						
Maths	<p>Place Value</p> <p>To count in multiples of 6, 7, 9, 25 and 1000. To find 1000 more or less than a given number. To count backwards through zero to include negative numbers. To recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) To order and compare numbers beyond 1000. To identify, represent and estimate numbers using different representations. To round any number to the nearest 10, 100 or 1000. To solve number and practical problems that involve all of the above and with increasingly large positive numbers. To read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.</p>					
Science	<p>Animals, including humans</p> <p>To know the main parts of the digestive system. To understand how the digestive system works. To know how to classify animals as predators and prey. To know how to construct and interpret a variety of food chains, identifying producers, predators and prey.</p>					
Art	<p>Drawing: Power Prints</p> <p>To draw using tone to create a 3D effect. To explore proportion and tone when drawing. To plan a composition for a mixed-media drawing. To use shading techniques to create pattern and contrast. To work collaboratively to develop drawings into prints</p>					
Computing	<p>4.1 – Coding</p> <p>To review coding vocabulary and knowledge. • To create a simple computer program. To begin to understand selection in computer programming. • To understand how an IF statement works. To understand how to use coordinates in computer programming. • To understand how an IF statement works. To understand the Repeat until command. • To begin to understand selection in computer programming. • To understand how an IF/ELSE statement works. To understand what a variable is in programming. • To use a number variable. To review vocabulary and concepts learnt in Year 4 Coding. • To create a playable game.</p>					
DT	<p>Food: Adapting A Recipe (1 lesson)</p> <p>To follow a baking recipe – simple biscuit recipe</p>					
History	<p>Medicine</p> <p>To know what medicine was available in Medieval times using a range of sources. The four humours in the body – Yellow Bile, Black Bile, Blood and Phlegm God – most people believed that they would be healed through prayer only. Medicinal plants and herbs given by a healer or monks. Monks planted and experimented with herbs and plants for healing. Leeches used for balancing the four humours. Medicine was ineffective – most people died before they were eighteen. Use British Library sources – images, historical documents (written during and after the period) To know what medicine is available now using different sources. Antibiotics, paracetamol and ibuprofen Body scanners – x-ray, CT scans, heart monitors Specific doctors for different parts of the body Treatment – plasters, casts, bandages</p>					

	<p style="text-align: center;">Testing for illnesses Training Use images, interviews and experiences. To know how science and technology have changed medicine. Research was continual on herbal medicine, the human body and its responses to illness and medicine. Sterilisation – knowledge of germs and bacteria led to better sterilisation and protection. Refer to Covid advice and Catch It Kill It Bin It. Industrial Revolution impacted on being able to mass produce medicine and transport them quicker as well as producing better medical equipment. Vaccines 1796 - Smallpox Penicillin discovered by Alexander Fleming in 1928 – antibiotics that can help with a range of infections rather than one specific illness. To know how attitudes towards medicine have changed over time. Move from religion and beliefs to scientific research and understanding. Herbal medicines still exist but are not officially recognised as treatments prescribed by doctors. There is more choice of treatments – none, holistic, medicinal. Still an opposition between beliefs and science. To know whether research into new medicines should continue.</p>		
Geography	x		
MFL	<p style="text-align: center;">La Jolie Ronde Lessons 1-4</p> <p>1. Listen to and follow a short story • Identify adjectives in a text and recognise that they can change spellings • Listen for specific words and phrases • Pronounce some words accurately</p> <p>2. Understand that all nouns have a gender • Ask how to say something in French • Listen for a key sound as it occurs in a rhyme</p> <p>3. Appreciate similarities between English and French nursery rhymes • Recite a nursery rhyme • Follow a text as it is read aloud</p> <p>4. Follow a story using visual clues • Recognise some letters of the alphabet • Listen for sounds, rhyme and rhythm</p>		
Music	<p>Mamma Mia Interesting Time Signatures</p>		
PE	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Gymnastics 1</p> <p>To perform a 6-element sequence that uses change in speed and direction. To use the STEP principle to create a perform a partner sequence. To take weight on our hands, showing control. To develop a sequence using compositional ideas. To co-operate as a group to refine a short sequence. To compare and judge performances.</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Netball</p> <p>To protect the ball once we have caught it. To use basic shooting techniques in a game. To one-to-one mark. To pivot once we have caught the ball. To use quick feet. To use preliminary moves.</p> </td> </tr> </table>	<p style="text-align: center;">Gymnastics 1</p> <p>To perform a 6-element sequence that uses change in speed and direction. To use the STEP principle to create a perform a partner sequence. To take weight on our hands, showing control. To develop a sequence using compositional ideas. To co-operate as a group to refine a short sequence. To compare and judge performances.</p>	<p style="text-align: center;">Netball</p> <p>To protect the ball once we have caught it. To use basic shooting techniques in a game. To one-to-one mark. To pivot once we have caught the ball. To use quick feet. To use preliminary moves.</p>
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RE	<p style="text-align: center;">2a.4 – What kind of world did Jesus want? GOSPEL Make sense of text/beliefs To know and identify this as part of a 'Gospel', which tells the story of the life and teaching of Jesus. To know and make clear links between the calling of the first disciples and how Christians today try to follow Jesus and be 'fishers of people'. To know and offer suggestions about what Jesus' actions towards the leper might mean for a Christian.</p> <p style="text-align: center;">Understanding the impact To know and make simple links between Bible texts and the concept of 'Gospel' (good news). To know and give examples of how Christians try to show love to all, including how members of the clergy follow Jesus' teaching.</p> <p style="text-align: center;">Making connections To know and make links between the Bible stories studied and the importance of love, and life in the world today, expressing some ideas of their own clearly.</p>		
PSHE	<p style="text-align: center;">Being Me In My World</p> <p>To know how individual attitudes and actions make a difference to a class. To know about the different roles in the school community. To know their place in the school community. To know what democracy is (applied to pupil voice in school). To know that their own actions affect themselves and others. To know how groups work together to reach a consensus. To know that having a voice and democracy benefits the school community.</p>		