



Spring Parent Map Year 4  
2023-24

Subject	Learning	Resources, Trips and Visitors
RE	The new year begins with 'Community', looking at life in the local Christian community, and ministries in the parish. After this, we study 'Giving & receiving', focusing on living in communion with each other. Our Lent/Easter topic is 'Self discipline', celebrating growth to new life.	<b>Ideas for the weekend:</b> Take part in a community activity such as attend a Park Run or an event at Fire Fit <b>Trips:</b> St Patrick's church, Cathedrals <b>Resources:</b> The Bible
English	Firstly, we will be reading Leaf by Sandra Diekmann to inspire us with our own writing, which will include an outsider narrative and non-chronological report. After half term, our new vehicle text will be Manfish by Jennifer Byrne, which will support us to write in the genres of invention narrative and biography. Poetry will be woven throughout the term.	<b>Ideas for the weekend:</b> Reading for pleasure <b>Trips:</b> Visit to the Liverpool Life Museum. <b>Resources:</b> Reading Plus, Spelling Shed
Maths	In Year 4 this term, we will be reinforcing and securing our multiplication facts, including all times tables facts up to 12 x 12. We then study fractions, including exploring different interpretations and representations of fractions, equivalent fractions, representing fractions greater than one as mixed numbers and improper fractions, and adding and subtracting fractions with the same denominator including fractions greater than one. Next, we will learn about time, focusing on converting analogue to digital time, 12-hour and 24-hour time, and converting between units of time. The following topic is about decimals, in which we will look at decimal equivalents to tenths, quarters and halves. We will also compare and order numbers with same number of decimal places, and multiply and divide by 10 and 100 including decimals. To finish the term, we will learn to investigate area and perimeter, and find the perimeter and area of rectangles and rectilinear shapes.	<b>Ideas for the weekend:</b> Plan a trip to the shops, work out how much you will need to spend and how much change you should receive. <b>Resources:</b> TT Rockstars, Maths Shed, fun maths games to try at home for free: <a href="https://stpatricksLiverpool.co.uk/wp-content/uploads/2020/11/Fun-Maths-Games-For-Kids-To-Do-At-Home-For-Free.pdf">https://stpatricksLiverpool.co.uk/wp-content/uploads/2020/11/Fun-Maths-Games-For-Kids-To-Do-At-Home-For-Free.pdf</a>
Science	<b>Electricity</b> The children will be using electrical components such as cells, wires, bulbs, switches and buzzers to make simple series circuits. They will also be investigating conductors and insulators, and finding out about the inventor Nikola Tesla. <b>Animals Including Humans</b> During this topic, we will: make a simple model of a human digestive system (teeth, stomach, intestine); design a fair test to investigate how long teeth should be brushed for to remove plaque (using disclosure tablets); set up a fair test to investigate the effect of different drinks on tooth decay; investigate which toothpaste brand is best at protecting teeth from decay; explore an animal skull and research whether it is omnivore, carnivore or herbivore based on its teeth; use secondary research to explore food chains in a range of habitats.	<b>Ideas for the weekend:</b> Watch documentaries such as Planet Earth to discover more about animals and their habitats. <b>Trips:</b> Liverpool Life Science Centre, Catalyst Museum
Geography	<b>Global Trade</b> We will study how trade developed over the centuries, leading to today's global supply chain. We will use maps and atlases to explore where our food comes from, learning about imports and exports, including what the UK exports and where. We will investigate Fair Trade and the highest value exports.	<b>Ideas for the weekend:</b> Look at your food packages to see where in the world the products were made. Explore the local area. Make a
History	<b>Anglo-Saxons, Picts and Scots</b> Pupils will examine the evidence at Sutton Hoo and what it revealed. They will discover who the Anglo-Saxons, Picts and Scots were and find out about their everyday lives at the time. Pupils will also learn about the rise of Christianity during Anglo-Saxons times.	<b>Ideas for the weekend:</b> Visit Liverpool Museum. <b>Trips:</b> Visit to Liverpool Museum
ICT/ Computing	<b>Logos</b> Children will learn the structure of the coding language of Logo and will input simple instructions in Logo. Children will use and build procedures in Logo and use 2Logo to create letter shapes.	<b>Ideas for the weekend:</b> Allow children time to log into their PurpleMash account and try some coding independently.
E safety	Internet safety & cyber-bullying, discussing what actions we can take to stand up to cyber-bullies. Information literacy, exploring strategies to increase the accuracy of online searches.	<b>Ideas for the weekend:</b> Research social media platforms and their privacy / security settings. Discuss these in detail together.
Art	<b>Anglo-Saxon Clay Pots (Pinching and Coiling)</b> <b>Investigating Patterns (adding texture)</b> This term we will be making Anglo-Saxon clay pots using pinching and coiling techniques, linked with our History topic. We will also be exploring fauvism, using rotation, symmetry, reflection and tessellation to think about texture and effects produced in artwork.	<b>Ideas for the weekend:</b> As a family, visit one of the art galleries or museums in Liverpool. <b>Resources:</b> Create art using Purple Mash.
Design and Technology	<b>Pneumatic Toys</b>	<b>Ideas for the weekend:</b> Research a variety of pneumatic toys.



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	The children will be making pneumatic toys. As part of this topic, the children will research and evaluate existing products, design their own pneumatic toys and make their own models, before evaluating their products.	
<b>PE</b>	This term, the children will be learning <b>gymnastics</b> and building on what they have learnt in previous years including partner work - pushing and pulling. After half term, children will develop their <b>hockey</b> skills, including dribbling, changing direction and passing the ball.	<b><u>Ideas for the weekend:</u></b> Join your local Life Styles gym, join a local gymnastics club. <b><u>Resources:</u></b> Hockey equipment.
<b>Music</b>	This term, we will cover the themes 'How Does Music Make The World A Better Place?' (developing pulse & groove through improvisation) and 'How Does Music Teach Us About Our Community?' (creating simple melodies together). Continue to develop our clarinet skills, playing pieces with the notes E, F, G and A. Enjoy learning about, listening to and appraising the repertoire of this term's Philharmonic Concert for Schools and create music linked to the concert pieces.	<b><u>Ideas for the weekend:</u></b> British Music Experience <b><u>Trips:</u></b> We will be visiting the Philharmonic Hall in March to enjoy a special schools concert.
<b>PSHE</b>	We will learn about what constitutes a healthy diet (including understanding calories and other nutritional content), and find out about the function of different food groups. We will improve our understanding of extremism and radicalisation, and how they can lead to harm. Other topics to be explored this term include loss separation, responding to others, expressing opinions, and family changes, as well as e-safety.	<b><u>Ideas for the weekend:</u></b> Make lists of all the positive experiences that you have had over the weekend and be thankful.
<b>Spanish</b>	In Spanish this term, we will be learning to describe the weather during different months and seasons. We will be learning vocabulary related to animals and their habitats, as well as using numbers to 200 in oral and written form. We will also compare <i>Semana Santa</i> and Easter in Spain and Britain.	<b><u>Ideas for the weekend:</u></b> Go to a Spanish restaurant and try to order in Spanish.

\* Not all subjects are taught in every half term