



Spring Parent Map Year 4
2021-2022

Subject	Learning	Resources, Trips and Visitors
RE	<p>During this term, children will firstly look at 'community', followed by 'giving and receiving' and finally 'self-discipline'.</p> <p>During Holy Week, we will be part of the Easter service and will tell the story of Jesus entering Jerusalem on the back of a donkey.</p> <p>Children will also take part in collective worship every day.</p>	<p>Ideas for the weekend: Identify some communities in which you belong to and get involved in some community events.</p> <p>Trips: St Patrick's church</p>
English	<p>In English we will be exploring two books. The first beautiful book is called 'Leaf'. This book covers the journey of an abandoned Polar Bear. Named Leaf, the bear struggles to adapt to his new habitat. Will the animals of the forest come together to help him? Or are they too scared to approach the mysterious beast? The children will be given the opportunity to explore visual representations which capture the drama of events and the rich detail of characters and settings. This book has excellent links to our science topic, 'habitats'. Our second fantastic book is named 'Manfish' which covers the story of Jacques and his dream of swimming the oceans of the world with the fish.</p> <p>This term children will learn about inverted commas for speech, pronouns and proper nouns, apostrophes and commas in lists. Children will continue to develop their understanding of fronted adverbials, speech and 2 clause sentences.</p>	<p>Ideas for the weekend: Go to a library and find out information about polar animals and their environment.</p> <p>Trips: Visit Chester Zoo or Knowsley Safari Park.</p>
Maths	<p>Throughout this term, we will be continuing to develop our addition, subtraction, multiplication and division skills by solving challenging problems. Towards the end of the term we will move onto learning about decimals, fractions, multiplication and division facts.</p> <p>We continually revisit the learning from Autumn, using all four operations in increasingly challenging contexts.</p> <p>Children will spend some time revising basic skills such as multiplying and dividing 10, 100, and 1000 using the inverse, rounding and doubling.</p>	<p>Ideas for the weekend: plan a trip to the shops, work out how much you will need to spend and how much change you should receive.</p> <p>Trips: 1km walk around our local area.</p> <p>Resources: Let your children play with and use real coins. Price tags to help children calculate number problems.</p>
Science	<p>This half term's chemistry topic is called 'States of Matter'. Children will be able to compare and group materials based on whether they are solids, liquids or gases and observe that materials change state when they are heated or cooled. Children will measure and research temperatures (in degrees Celsius) that cause different materials to change state. They will have opportunities to identify the part played by evaporation and condensation in the water cycle, and to observe water as a solid, liquid and gas.</p> <p>After half term, children will learn about 'Animals Including Humans'. Children will learn about the main parts and simple functions of the digestive systems in humans. They will identify different types of teeth in humans, learn about the functions of different teeth in humans, explore how the teeth of carnivores and herbivores are different, as well as focusing on how to look after their teeth and what could damage them. Children will construct and interpret simple food chains and identify producers, predators and prey.</p>	<p>Ideas for the weekend: complete some family science projects - Twinkl have excellent ideas for experiments and investigations at home. Help cook food with your family at home and discuss melting or freezing points. Try making some ice cream of your own.</p> <p>Trips: The Catalyst Museum</p>
Geography	<p>This unit of work is about earning a living. The children will firstly learn about jobs and why they are important. Children will learn about different sectors of jobs as well as exploring various industries in the UK. The unit also has excellent links to international week where the children will learn about earning a living in different parts of the world. Additionally, the children will learn about the effects of unemployment and how children around the world help earn a living for their families.</p>	<p>Ideas for the weekend: Get the children to interview a family member on their previous jobs</p> <p>Trips: The World Museum, Slavery Museum</p> <p>Resources: globe, a map of Liverpool and a map of the UK.</p>
History	<p>During this term, children will have great fun learning about the Mayans. Children will learn about life and how the Mayan civilisation developed over time. Children will also learn about Mayan religion and how society was organised. We look forward to having a Mayan theme morning where we will write in Mayan style. This topic also has fantastic links with other subjects, such as problem solving in maths using Mayan numbers!</p>	<p>Ideas for the weekend: visit Liverpool World Museum.</p>
ICT/ Computing	<p>As always, children will be using iPads across the curriculum to support and enhance their learning. Specifically, they will be learning how to use Logo and will apply it in other subjects. We will also look at designing and digitally making different logos.</p>	<p>Ideas for the weekend: talk about logos and what they are used for. What are the most well-known logos?</p> <p>Trips: Apple shop</p>



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	E-Safety is taught every term, this term, children will be looking at cyber bullying and internet safety.	
Art	We start an exciting new art topic this term 'Digital Media - investigating patterns.' This fun creative scheme of work enables your class to explore, create and manipulate a variety of different kinds of patterns. Children will look at patterns at home and in the environment, identifying how shapes can be used to create interesting patterns.	Ideas for the weekend: as a family, visit only of the art galleries in Liverpool. Resources: coloured card and scissors so children can create their own cut out art.
Design and Technology	Our new DT topic 'Pneumatics' has excellent cross curricular links with sciences as we aim to evaluate, design and make pneumatic toys. We will closely evaluate existing products before designing our own unique toys. We will develop different DT skills this term such as designing an attractive product and cutting, gluing and decorating. We will then evaluate our toys against our success criteria.	Ideas for the weekend: Look for other toys that use pneumatics.
PE	We looking forward to dance and gymnastics this term. In dance we will exploring Tudor dancing, African dancing, Bollywood dancing and the Haka. This links in well with international week. I can't wait! In gymnastics we will create and analyse different routines including different shapes, ways of travelling, jumping, balances and rolling. We will also look at the backwards roll. Year 4 will continue our fitness sessions with our fitness coach Dave. Swimming will commence for five weeks starting in February.	Ideas for the weekend: as a family, go for a walk. Make a dance routine with your child. Watch and try different types of dance.
Music	Children will have great fun learning to play the notes G, A and B this term on the clarinet. Using these notes, children will be given the opportunity to perform pieces individually and in groups. Children will further develop their understanding of timbre, dynamics, pitch, pulse and rhythm. Children will also learn to recognise a treble clef and simple notation using the stave. Keep practising on Charanga at the weekends. We have all of the login details in school, should you have lost them. Philharmonic Scheme - Our Global Vision The main aim of this scheme of work is to introduce some of the music that will be played by the orchestra during the Schools' Concerts Season 2020. Giving the children plenty of opportunities to listen and respond to the music beforehand will enable them to have a greater enjoyment and appreciation of the concert. We will deliver creative music lessons with activities linked to each piece from the concert to develop the children's musical skills.	Ideas for the weekend: Take your clarinet home and practise on. Listen to the concert recordings of the pieces from our Philharmonic concert on https://www.liverpoolphil.com/scheme-of-work/key-stage-2/ . Trips: Philharmonic Hall concert Resources: Charanga Music World login
PSHCE	This term we will be learning about 'going for goals' and why it's 'good to be me'. This topic is all about self-worth and self-belief and how we can empower each other to reach our full potential. We will talk about how we can work together to achieve our goals and what we have to do to succeed in anything we put our mind to. We will discuss why we do not give up when things seem hard or tough.	Ideas for the weekend: talk to your child about what their goals are and how we can reach our full potential. Discuss what is good about each family member - perhaps drawing round that family member and listing their qualities around the outside. Trips: Go for a walk, jog or cycle around Sefton Park!
Spanish	The children will spend some time this term reinforcing numbers, the weather and seasons before moving on to animals and habitats. Children will also have a busy time learning new adjectives and coming to terms with Spanish grammar. Children will be given opportunity to develop their writing, speaking and listening skills this term.	Ideas for the weekend: visit La Tasca and have a family meal - can you read the Spanish parts of the menu?

* Not all subjects are taught in every term