



Autumn Parent Map Year...
2017-2018

Subject	Learning	Resources, Trips and Visitors
RE	<p>In year 5, the children will receive 2.5 hours of religious education every week where we welcome, respect and appreciate other faiths in order to gain a deeper understanding of the world around us. In the autumn term, we will be exploring 'Ourselves' where the children will highlight their own and other's qualities and talents. They will then learn about 'Life choices' and discuss their responsibilities, moral choices and pathways. The children will define the meanings of hope and expectation by understanding what it means to be hopeful and compare this to the stories of Jesus.</p>	<p>Ideas for the weekend: Visit your local church on a Sunday</p>
English	<p>In English, we will be reading three fantastic books during the autumn term; Tek, East o' the sun and West o' the moon and the London Eye Mystery. At the beginning of the school year, we will be taking a whole school approach to the book 'Tek', about a cave boy in love with gadgets and devices, who cannot communicate with the big, beautiful world. The children will be able to make clear links from the book to learning about engaging in a strong digital community during E-Safety lessons. East o' the sun and West o' the moon is an enchanting Norwegian Fairytale, based on images collected in the 19th century and translated into English. In Art, we will be exploring the works of Edvard Munch, a Norwegian artist and this will allow the children to explore literacy skills through expressive art. After half term, the children will be kept in suspense while reading the London Eye Mystery, a humorous adventure which centres around the capital's landmarks and attractions. This offers cross-curricular links in Geography where we will be learning about the United Kingdom. As well as this, the children will be studying a film narrative in order to generate great speaking and listening opportunities as well as some amazing writing outcomes. The children will be able to create their own iMovies during iPad lessons to offer an alternative scene of 'The Piano'.</p> <p>In English basic skills lessons, the children will have a deeper understanding of expanded noun phrases and learn how to effectively use modal verbs, passive verbs and the perfect form of verbs. After half term, they will be able to recognise vocabulary and structures that are appropriate to formal speech and writing. The children will also learn and understand relative clauses and how to use hyphens and commas to avoid ambiguity or to clarify meaning. As well as this, we will be reviewing previous objectives from year 4 throughout the autumn term.</p>	<p>Ideas for the weekend: visit your local library and sign up for a pass, it's free!</p>
Maths	<p>In the Autumn term, the children will continue to broaden their knowledge of number and place value by reading, writing and recognising numbers up to 1,000,000 as well as being able to compare and partition numbers into place value columns. We will also develop our skills around addition and subtraction by being able to mentally add and subtract with increasingly large numbers. This is something that we will continue to strive to achieve over the academic year.</p>	<p>Ideas for the weekend: encourage your children to help you pay for you're shopping at the weekend and calculate your change. They could also exchange money and become familiar with the value of it.</p> <p>Resources: a great resource for the children is to wear a watch to encourage them to tell the time and not to rely on technology.</p>



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	After half term, our focus will be on multiplication and division. We will be able to identify multiples and common factors of two or more numbers and find factor pairs of two digit numbers. We will have a good understanding of the terms multiple, factor, and prime, square and cube numbers. We will be able to use this mathematical vocabulary well in order to construct equivalent statements.	
Science	Our first science topic of the year is Electricity. The children will learn about protons and electrons, positive and negative charge and static electricity before moving on to learn about electrical components and circuits. This will allow the children to thrive based on the exciting experiments and the planning of their own scientific enquiries which will enable them to answer questions. They will be able to recognise and control variables of a scientific enquiry.	<p>Trip: Visit the Catalyst Museum, Widnes to explore electricity.</p> <p>Ideas for the Weekend: Visit the windmills at Crosby Beach and talk to your child about how they generate renewable energy.</p> <p>Resources: Torches Toys that use batteries</p>
Geography	In <i>Geography</i> , we will be discovering and exploring The United Kingdom. By the end of year 5, the pupils will be able to follow routes on maps and use the index and contents page of an atlas and use 4 and 6 figure co-ordinates to locate features. The children will be able to align a map with a route and use 6 -figure grid references. They will be able to make sketch maps of an area using symbols and a key and design a plan for a specific purpose.	<p style="text-align: right;">Resources: An OS map Google Maps Atlas Globe</p> <p>Ideas for the weekend: plan out your trip to the park/shop/around the city by using google maps.</p>
History	<p>The children will be studying the Vikings Vs the Anglo Saxons at the beginning of the autumn term. They will already have a basic understanding of the Anglo Saxons from year 4 however they will develop their knowledge by being able to compare them to the Vikings. Following English and Art, they will develop their understanding of Scandinavian countries and recognise the heritage of the Anglo Saxons and Vikings.</p> <p>The children will be able to choose reliable sources of information to find out about the past and give own reasons why changes may have occurred, backed up by evidence. They will be able to describe similarities and differences between some people, events and artefacts studied as well as being able to describe how historical events studied affect/influence life today. They will also use documents, printed sources (e.g. archive materials) the Internet, databases, pictures, photographs, music, artefacts, historic buildings, visits to museums and visits to sites to collect evidence about the past and be able to choose reliable sources of evidence to answer questions, realising that there is often not a single answer to historical questions.</p>	<p>Visitor: to find out more fun information about the Vikings and Anglo Saxons.</p> <p>Ideas for the weekend: visit the Liverpool museum, most of the workshops are free!</p> <p>Resources: history books, encyclopaedias. The children in year 5 also love to read horrible histories books as well as watching the videos online, it is a great tool for gaining historical knowledge!</p>
ICT/Computing	Across the autumn term, year 5 will learn about robotics and how to use spheros in computing lessons. They will also learn about the importance of passwords in order to be safe when using the internet. The children will gain an understanding of what it means to have a strong digital community and be able to appreciate the benefits as	Ideas for the weekend: ask your children to create safe passwords for any child-friendly accounts that they might have.



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	<p>well as understanding the risks.</p> <p>By the end of year 5, the children will have been taught how to combine sequences of instructions and procedures to control devices, to use technology to control an external device, to design algorithms that use repetition and 2-way selection and analyse and evaluate information. They will also understand how search results are selected and ranked, they will edit a piece of work and understand that you have to make choices when using technology and that not everything is true/ or safe.</p>	
Art	<p>As part of our Art topic, printing and collage, we will be taking a cross curricular approach to English by studying a Norwegian artist - Edvard Munch.</p> <p>The children will be able to show facial expressions and body language in sketches and paint as well as being able to successfully use shading to create mood and feeling and expressing emotion. They will research the work of an artist - Edvard Munch - and produce a step by step plan to create their own version of the artists work.</p>	<p>Ideas for the weekend: visit the Walker Art Gallery in Liverpool and see what links you can make with the artist Edvard Munch based on printing and collage. Could you try making your own collage based on what you've seen at the gallery?</p> <p>Resources: in your own home sketch book, practise different printing techniques that you have previously learnt about in year 4.</p>
DT	<p>In DT we will be making bread during the autumn term. As part of this the children will learn how to design an appealing product by selecting and using ingredients according to their taste. They will be able to apply the principles of a healthy diet to their product by understanding the principles of healthy eating. In order to engage the children in the topic, we will be visiting a bakery where they will gain an insight into the preparation and making of bread as well as understanding how design technology impacts the world of production. After this, the children will then apply these skills to be able to make their own product where they will accurately use tools for shaping and finishing. Finally, they will consider their friend's views to be able to improve and evaluate their own finished product.</p>	<p>Trip: we will be visiting the bakery at our local Tesco store, as part of the farm to fork scheme, to understand how bread is designed, baked and produced. The children will gain an understanding of tools, machinery and how design technology impacts on production.</p> <p>Ideas for the weekend: visit a bakery with your child, even in your local supermarket, to compare the different breads and look at how appealing they are. Try and taste some new products too!</p>
PE	<p>In year 5, with the PE coach, the children will learn how to play tag rugby and badminton. The children, with Miss Hall, will become more familiar with gymnastics and dance skills.</p> <p>In gymnastics, they will learn how to do a cartwheel, headstand, part rotation jump as well as sitting, standing and lying to support their shapes. In dance, we will be looking at three different types which are the twist, disco and street.</p>	<p>Ideas for the weekend: try and create your own dance routines at home with friends and family and encourage each other to evaluate in order to improve. Also, you could join a football team or a dance class.</p> <p>Trip: we will be going to the cinema in November to watch a film based around dance, this is also a great wider school opportunity for the children!</p>
Music	<p>In music, with Mr Larkin, the children will have a focus on Rock music through Livin' on a prayer and also on Jazz.</p> <p>They will learn how to breathe well and pronounce words, change pitch and show control in singing. They will also explain and evaluate how musical elements, features and styles can be used together to compose music</p>	<p>Ideas for the weekend: practise your instrument at home. Also, it is useful to research famous musicians to see their skills and to be able to suggest improvements for yourself. This could also broaden your knowledge of great music!</p>
PSHE	<p>The children in year 5 will learn about law and order, UN rights and minority groups in the autumn term.</p> <p>The children will also take part in 'life skills' sessions for one half term.</p>	<p>Visitor: police to talk about law and order and UN rights.</p> <p>Ideas for the weekend: talk to your children about the importance of the law and the consequences you may face. This is extremely important for the children to know about during adolescence.</p>
Spanish	<p>At the beginning of the term, the children will be reinforced with what they learnt in year 4 in order to ensure their understanding of the language. They will then learn</p>	<p>Ideas for the weekend: visit a Spanish restaurant. You could even try ordering your food in Spanish!</p>



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numbers to 1000 and be able to give their personal information in Spanish. They will be able to speak in the tense of the 3rd person and learn about different nationalities. The children will understand and learn how to compass directions to others as well as learning weather expressions.

They will listen to spoken Spanish and pick out key words as well as being able to speak for a short period of time about a familiar topic with somebody else. They will learn how to read a small text of familiar vocabulary and write a short text on a familiar topic, with or without help. The children will se songs and rhymes to help learn new vocabulary.

* Not all subjects are taught in every term