

Hurworth Primary School

Curriculum Information for Parents

Summer Term 2021-2022

YEAR GROUP: 4		TERM: Spring
SUBJECT	OVERVIEW OF LEARNING	IDEAS FOR LEARNING AT HOME
<p>MATHS</p> 	<p>Decimals: Recognise and write decimal equivalents of any number of tenths or hundredths, e.g. $2/10 = 0.2$; $5/100 = 0.05$. Recognise and write decimal equivalents to $1/4$ (0.25), $1/2$ (0.5), $3/4$ (0.75). Find the effect of dividing a one or two digit number by 10 or 100. Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places up to two decimal places.</p> <p>Money: Estimate, compare and calculate different measures, including money in pounds and pence.</p> <p>Time: Read, write and convert time between analogue and digital 12- and 24-hour clocks and solve problems duration problems. Convert between different units of measure (for example, hour to minute; minutes to seconds; years to months).</p> <p>Statistics: Present, interpret and solve problems involving discrete and continuous data using appropriate graphical methods, including bar charts, pictograms, tables, time and other graphs.</p> <p>Geometry: Compare and classify geometric shapes, including quadrilaterals and all types of triangles, based on their properties and sizes, and identify and compare acute and obtuse angles up to 180 degrees. Identify lines of symmetry in 2-D shapes presented in different orientations and complete a simple symmetrical figure with respect to a line of symmetry. Describe positions and translate left/right, up/down movements on a 2-D grid as coordinates in the first quadrant and plot points and draw sides to complete a given polygon.</p>	<p>It is important that your child knows all of the multiplication and division facts up to 12 x 12 by the end of the year. A secure knowledge of the times tables and related division facts will also help your child to work much more confidently with fractions. Please encourage your child to practise their times tables - Times Tables Rockstars, Purple Mash or Hit the button is a fun way to do this.</p>
<p>ENGLISH</p> 	<p>Our class text for this term will be 'How To Train Your Dragon' by Cressida Cowell. This is the first book in a fantastic series about Hiccup Horrendous Haddock the Third, a smallish Viking with a longish name. Hiccup's father is chief of the Hairy Hooligan tribe and Hiccup must lead ten novices in their initiation into the tribe. They have to train their dragons or banished from the tribe for ever! As they read through the book together, the children will be writing instructions on how to catch a dragon; writing a newspaper report about events in the story; and finally writing their own narrative using the story as a stimulus. They will be focussing on using varied and rich vocabulary and a range of sentence structures, as well as developing their character descriptions to invoke different feelings in the reader, such as sympathy or dislike.</p>	<p>It is important for children to practise their writing skills whenever they get a chance, consolidating basic punctuation skills and using adventurous vocabulary. Can they write a short story using their favourite book as inspiration? Or maybe write a diary entry about somewhere you have visited as a family? You child can practise their spelling skills on Spelling Shed at home. It is a fun way to revisit spelling patterns and rules or learn new ones.</p>
<p>SCIENCE</p> 	<p>In the first half term, the children will be exploring sound. In this unit the children will learn to identify how sounds are made, associating them with something vibrating. Find patterns between the volume of a sound and the strength of the vibrations that produced it. Recognise that sounds get fainter as the distance from the sound source increases. Recognise that vibrations from sounds travel through a medium to the ear. Find patterns between the pitch of a sound and the features of the object that produced it. In our final half term, Year 4 will cover electricity. Captain Chemistry will introduce the children to the topic with an afternoon filled with fun activities and investigations They will identify common appliances that run on electricity and construct simple series circuits, identifying and naming basic parts, including cells, wires, bulbs, switches and buzzers. The children will identify whether or not a lamp will light in a simple series circuit, based on whether or not a lamp is part of a complete loop with a battery. They will recognise some common conductors and insulators, and associate metals with being good conductors.</p>	
<p>HISTORY</p> 	<p>Firstly the children will learn about Britain's settlement by Anglo-Saxons: who they were, when and from where they came, why they invaded Britain and where they settled. They will find out who King Alfred was and how law and order was kept in Anglo Saxon times. They will then build on their knowledge of the chronology of Britain to learn about the Viking invasions and the struggle for England. The children will look at contrasting views of how the Vikings should be remembered – were they really as vicious as some history books would have us believe?</p>	<p>Always a great favourite are the Horrible History programmes. Learn and sing together about the Smashing Saxons and the Vicious Vikings. Two great local museums to visit are York in York and Jarrow Hall Anglo Saxon farm and village.</p>

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<p>DESIGN & TECHNOLOGY</p> 	<p>Linked to their Science topic, the children will create a simple circuit containing a switch to use a door alarm. They will design their circuit and explore potential barriers that may impact on the quality of their product, Then they will make the circuit and test to see if it works. Once this is successful the children will evaluate it along with their peers.</p>	<p>Can your child create their own collage at home using inspiration from their local surroundings?</p>
<p>RE</p> 	<p>This term, Year 4 will have the opportunity to recap some of the faiths they have learnt in previous year groups – Hinduism, Sikhism and Christianity. They will recap the key beliefs, places of worship, festivals and symbols. The children will then make comparisons between the three faiths to identify similarities and differences.</p>	
<p>PE</p> 	<p>Year 4 will develop their hockey skills with the PE coach. They will increase their control and accuracy with dribbling and shooting. Towards the end of the half term, they will apply all the skills they have learnt in small competitive matches. Year 4 will also be developing their orienteering skills. In this unit, they will familiarise themselves with OS maps and common key symbols. They will then apply these skills using maps of the school field and garden. In the final half term, the children will work on more athletic skills in preparation for sports day. They will learn how controlling their pace and breathing benefits them in short and long distance running. Year 4 will focus on the rounders with the PE coach. Here they will develop their batting and fielding skills which will the build up to playing competitive games.</p>	<p>Please ensure that your child remembers to bring their PE kit every Thursday. We will be outside in all weathers (within reason) so warm tracksuit bottoms, a waterproof jacket or the school hoodie, a water bottle, hat and gloves are also needed. We very much appreciate the support we get from parents with transporting children to and from sporting events – thank you!</p>
<p>PSHE</p> 	<p>This term, Year 4 will be focusing on keeping safe and recognising and managing risks. They will learn: how to recognise, predict, assess and manage risk in different situations. How to keep safe in the local environment and less familiar locations. How people can be influenced by their peers' behaviour and by a desire for peer approval and how to manage this influence. How people's online actions can impact on other people. How to keep safe online, including managing requests for personal information and recognising what is appropriate to share or not share online. How to report concerns, including about inappropriate online content and contact. That rules, restrictions and laws exist to help people keep safe and how to respond if they become aware of a situation that is anti-social or against the law.</p>	
<p>MUSIC</p> 	<p>This term the children will continue to develop their music reading and singing skills. They will learn to play simple pieces of music using brass instruments taught by Durham Music Service.</p>	
<p>FRENCH</p> 	<p>This term, Year 4 will describe the weather and be able to name body parts. They will also recap items of clothing and design their own clothes shop. Linked to retail, they will name other shops they would come across on the high street. The children will also learn how to say the subjects they learn in school and create their own timetable for a new starter to follow. Finally they will be introduced to saying which hobbies and sports they like and dislike.</p>	<p>The BBC schools website has some great games, videos and audio clips for lots of the vocabulary and topics we will be covering www.bbc.co.uk/schools/primarylanguages/french</p>

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COMPUTING



This term, Year 4 will learn how animations are created and make their own simple animations on Purple Mash. They will use search engines more effectively by and know how to identify whether a source of information is reliable or not. The children will become hardware investigators and familiarise themselves with the different parts of a computer and create a leaflet explaining the different functions.

Encourage your child to be safe when online – can they tell you what the rules are? Use apps that support their learning. There are lots of amazing free apps and websites!