

Hurworth Primary School

Curriculum Information for Parents

Autumn Term 2021-2022

YEAR GROUP: 6		TERM: Autumn
SUBJECT	OVERVIEW OF LEARNING	IDEAS FOR LEARNING AT HOME
MATHS 	<p>Place Value: read, write, order and compare numbers up to 10,000,000; round any whole number to a required degree of accuracy; use negative numbers in context, and calculate intervals across zero; solve number and practical problems that involve all of the above.</p> <p>Addition subtraction, multiplication and division: multiply a multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication; divide numbers up to 4 digits by a 2-digit whole number using the formal written methods of short and long division, and interpret remainders as whole number remainders, fractions, or by rounding as appropriate for the context; identify common factors, common multiples and prime numbers; use their knowledge of the order of operations to carry out calculations involving the four operations; solve problems involving addition, subtraction, multiplication and division.</p> <p>Fractions: compare, order and simplify fractions using common factors and common multiples; add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions; multiply simple pairs of proper fractions, writing the answer in its simplest form and divide proper fractions by whole numbers; associate a fraction with division and calculate decimal fraction equivalents; recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</p> <p>Geometry: describe positions on the full coordinate grid (all four quadrants). Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</p>	<p>Please encourage your child to keep practising their arithmetic skills with the four operations: addition, subtraction, multiplication and division. We will use these in all areas of our maths and knowing facts off by heart will make it easier! They can also continue to use Times Tables Rock Stars to help with their multiplication and division recall speed. Each week in class, your child will do a nifty fifty sheet. They will also do a short arithmetic test, similar to the arithmetic paper they will do as part of the SATs. They will bring this home so that you can see the kinds of questions they will be expected to answer. Please discuss with them areas they are confident with and those that feel that they need to develop. You should see an increase in their scores as the term goes on.</p>
ENGLISH   	<p>Our first class novel for this term is 'Room 13' by Robert Swindell, a gripping and spooky tale that takes place at the Crow's Nest Hotel, in Whitby, where Fliss and her friends are staying on a school trip. They think that there is no room 13, but, at the stroke of midnight, peculiar and sinister things begin to happen. Through this text, we will be focusing on how to create tension and atmosphere in our writing and the children will be writing their own eerie dream narrative.</p> <p>Continuing our spooky theme, children will watch a short animation called Alma about an unsuspecting, young girl who wanders into a deserted town and is drawn to a shop window by a familiar looking doll. The children will write the story, some for dual perspectives, creating lots of tension, using features learned throughout the term.</p> <p>Our second class novel for this term is Private Peaceful by Michael Morpurgo. Told in the voice of Private Tommo Peaceful, the story follows twenty-four hours at the front, and captures his memories of family and village life before the war. Full of vivid detail and engrossing atmosphere, leading to a dramatic and moving conclusion, Private Peaceful is a deeply moving account of the First World War. The children will read and discuss the characters, story and its many themes and will have the opportunity to write persuasively.</p> <p>In both class novels, corporal punishment is discussed. We will discuss and write about whether it should ever have been used.</p> <p>We will also be reading and studying a range of short texts that link to 'Room 13' and to topics covered in Foundation subjects.</p>	<p>Children will enjoy talking to you and grandparents about the behaviour management systems used during your time in school.</p> <p>Alma, the short animation, can be accessed via Youtube at home. The children will love showing you this film. You will be amazed at the details they notice within the animation.</p>
SCIENCE  	<p>In our first topic, the children will understand how living things can be classified into groups scientifically. They will build on their prior knowledge of vertebrates and invertebrates and learn how to subdivide these groups further using similarities and differences to classify living things. They will learn about the work of scientist Carl Linnaeus and will explore 2 further classification groups: microbes and fungi. The children will learn about both good and bad bacteria and will be investigating the best conditions for growing mould.</p> <p>Our second topic this term is all about light. The children will learn that light travels in straight lines and will explore the anatomy of the eye to help them understand how we see. They will investigate the formation of shadows and how the size of a shadow changes when the object is moved nearer the light source. They will also investigate how light can be reflected and bent and how white light can be split into the colour spectrum.</p>	<p>This website has a simple experiment you could do at home to investigate which solution turns an apple mouldy the fastest...and lots of other great experiments too.</p> <p>http://www.sciencefun.org/kidszone/experiments/moldy-apples/</p>
GEOGRAPHY 	<p>This term the children will be studying a range of maps (political, relief, thematic, Ordnance Survey). They will learn to interpret different map scales and use them to calculate distances between places. They will interpret map symbols and other key information to learn about the physical and human features of a place and will learn to use grid references to locate specific places on an Ordnance Survey map. They will apply these skills to a study of Hurworth and surrounding area, consider how the area has changed over time, how it might be improved further and how they can contribute to their local environment.</p>	<p>Encourage your child to use both paper and digital maps to investigate the places. Could they plot the route for a bike ride, day trip or holiday? Can they use a scale to calculate how far it is and symbols to investigate the area?</p> <p>https://www.ordnancesurvey.co.uk/mapzone/</p>

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<p>HISTORY</p> 	<p>The children will be carrying out a local history study of Hurworth. Using a range of sources, they will investigate its earliest known origins and settlements and trace its history through time, linking it to significant events, periods and changes in British history. The children will research the life and work of one of Hurworth's most famous residents, William Emerson (1701-1782). They will find out about the cottage weaving industry that used to exist in the village and how it declined due to the effects of the Industrial Revolution and the advent of the railways in the 19th century. We will then look at some of the more recent events in Hurworth's history, including the 2 world wars, and bring our research up to the present day.</p>	<p>If you have any family history linked to Hurworth, please share this with your child. This could be about places, people or events from the life of grandparents and parents. We would be very interested to hear about it.</p>
<p>DESIGN & TECHNOLOGY</p> 	<p>This term our focus will be food technology and our theme is, 'celebrating culture and seasonality'. The children will learn about seasonal produce and the advantages and challenges of using seasonal ingredients. They will investigate what foods are in season in the Autumn in the UK and the foods and flavours that are associated with Christmas. Following a brief they will design a Christmas gift for their families of both sweet and savoury biscuits, taking into consideration seasonal flavours and ingredients, likes and dislike and any food allergies and intolerances. The children will adapt a basic biscuit recipe to make their product, practicing a range of skills and will then evaluate the final results and package them ready to gift.</p>	<p>Can you talk to your child about which foods are harvested locally? When shopping, can your children identify where the food (especially fruit and vegetables) has been sourced?</p>
<p>ART</p> 	<p>Linked to the class novel, Room 13, the children will be using a range of materials to create line, tone and shade in their sketching of Whitby Abbey. They will initially use photographs of the Abbey taken by Frank Meadow Sutcliffe and will use a view finder to draw in detail an aspect of the photograph. They will then select appropriate techniques to create their final drawing.</p>	<p>If your child enjoys drawing, encourage them to look at the various photographs of Frank Sutcliffe online and sketch some different views of Whitby. We also encourage your children to draw pictures linked to our novel, Room 13 which we can add to our classroom display. They are welcome to take drawing paper from school.</p>
<p>RE</p> 	<p>To begin the term, the children will be recapping their knowledge and understanding of the origins, symbols, beliefs, rituals and festivals of the main religions they have studied in previous years: Christianity, Judaism, Islam, Sikhism, Buddhism and Hinduism. They will look at the similarities and differences between these religions and reflect on their own personal values and beliefs and which religion, if any, they might identify with. As we approach Christmas in the second half term, the children will be comparing similarities and differences between the nativity story in the gospels of Matthew and Luke, and considering some of the ideas that have grown up around the nativity story that are not part of the gospel stories</p>	<p>If you can, please joins us for our whole school Christmas carol service at All Saints' Church. Date and time is on the 'Dates for your Diary' or can be obtained from the school office.</p>
<p>PE</p>	<p>In our PE lessons over the course of the term, the class will be learning with teachers and coaches this term. They will focus on invasion and ball skills in tag rugby, football and hockey, fitness and stamina and will also learn street dance.</p>	<p>Children should come dressed in PE kit every Friday. We will be outside in all weathers (within reason) so tracksuits, waterproof, hat and gloves are advised as well please.</p>
<p>PSHE</p>	<p>We will start the term by establishing our class charter and discussing aspirations and concerns for the coming year. Our main theme for this term is how we manage change as we grow up. The children will develop their understanding of the physical and emotional changes that occur during puberty; the different types of relationships that people have in their lives, including romantic, intimate and sexual relationships and issues around consent; how growing up and becoming more independent comes with increased opportunities and responsibilities; how friendships may change as they grow and how to manage this; how to manage change, including moving to secondary school; and how to ask for support or where to seek further information and advice regarding growing up and changing. In addition, we will be talking about how to keep ourselves safe on line using our on-line programme Purple Mash and we will be celebrating anti-bullying week in November which, this year, has the theme 'One Kind Word'.</p>	<p>We will be sending a more detailed letter about the topics and issues we will be covering as part of our relationships and sex education lessons. Please talk openly with your child about any of these issues and please contact us if you have any further questions or require any additional advice about supporting your child. Find out more about anti-bullying week at: www.anti-bullyingalliance.org.uk/anti-bullying-week</p>
<p>MUSIC</p>	<p>Using our Charanga package from Durham Music Services, the class will, this term, learn songs which develop their knowledge of pulse, rhythm, pitch, tempo, dynamics, timbre, texture and structure. We will discuss how these elements fit into the music we listen to.</p>	
<p>COMPUTING</p> 	<p>The children will start the term by familiarising themselves with our new Computing Scheme 'Purple Mash'. They will learn how to log on to Purple Mash, where to save their work and start to explore the Purple Mash topics and tools and very importantly revisit rules and strategies for keeping themselves and others safe on-line. Throughout the year, the children will consolidate and extend their key IT skills, including word processing learning to use it appropriately and effectively for a variety of purposes.</p>	<p>Please talk openly and often to your child about the importance of behaving respectfully and responsibly on line and protecting their own and others' private information. Follow us on Twitter and/or Facebook for regular updates about keeping your child safe online.</p>

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FRENCH	The children will start this year by learning about the lives of some famous French people such as artist Henri Rousseau and writer Victor Hugo. They will revisit classroom instructions and phrases learnt in previous years and learn new ones – there will be opportunities to practise these on a daily basis. They will continue to practise talking about themselves and their families and friends and move on to learn the vocabulary to be able to talk about for other people in the community such as teachers and doctors. The children will continue to practise counting in French and use their knowledge to play and create maths games. As we approach the end of term, they will revisit vocabulary linked to Christmas and learn a French Christmas carol that we hope to sing at our whole school carol service.	Encourage your child to practise their French at home by teaching you! There are lots of French games and activities on the BBC website www.bbc.co.uk/bitesize
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