
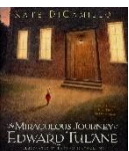
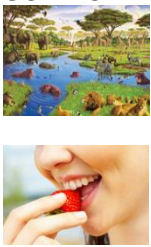











Hurworth Primary School

Curriculum Information for Parents

Autumn Term 2021-2022

YEAR GROUP: 4		TERM: Autumn
SUBJECT	OVERVIEW OF LEARNING	IDEAS FOR LEARNING AT HOME
MATHS 	<p>Place value: Ordering, comparing and rounding numbers up to 1000; counting in multiples of 6, 7, 9, 25 and 1000; counting backwards through zero to include negative numbers; recognising Roman numerals up to 100</p> <p>Addition and Subtraction: Adding and subtracting numbers with up to 4 digits using the formal written methods of column addition and subtraction and using these to solve one and two step problems. Estimating and using inverse operations to check answers to a calculation.</p> <p>Measurement: Measure and calculate the perimeter of rectilinear shapes and convert between different units of measure [for example, kilometre to metre]</p> <p>Multiplication and Division: Recall and use multiplication and division facts for multiplication tables up to 12 x 12; multiply and divide mentally (by 0 and 1 and multiplying together three numbers); solve problems involving multiplying and adding.</p>	<p>It is important that all of the children know all of the multiplication and division facts up to 12 x 12 by the end of the year; Times Tables Rockstars & Hit the Button is a fun way to practise these.</p> <p>When you are out shopping, can your child use their mental maths and rounding skills to estimate how much your shopping bill will be?</p>
ENGLISH 	<p>The first novel the class will read is called 'The Miraculous Journey of Edward Tulane.' Edward Tulane is a china rabbit given to a ten-year-old girl named Abilene by her grandmother in the 1930s. He enjoys a pleasant but vain life with his young owner, who treats him with the utmost love and respect, until an unfortunate incident finds him falling overboard while vacationing on the RMS Queen Mary ... This text will allow the children to retell a rather untraditional fairy tale within the story, write and perform from play scripts and learn how to compose both formal and informal letters to characters in the book.</p> <p>Year 4 will then read a stunning picture book called 'A River' by Marc Martin. From this, they will develop their descriptive writing using prepositions and similes. The children will use their imagination to decide where their river journey takes them in their final narrative of 2021.</p>	<p>Your child could have their own diary at home which they can write in daily. This will improve their key skills in writing like spelling, punctuation and handwriting. They can also apply some of the new skills they will learn throughout the school year.</p> <p>Your child has a 'Spelling Shed' login which they can use to practise previous and current spelling rules online.</p>
SCIENCE 	<p>Our first science topic this term will be 'Living Things and their Habitats'. The children will learn that all living things can be grouped in a variety of ways based on their different characteristics. They will use and create their own branching keys, asking appropriate questions to classify different animals. They will explore our school grounds on a 'bug hunt' and use their keys to classify the specimens they find. Of course they will need to know how to do this carefully to keep themselves and the animals safe and will write instructions for how to do this. They will also be thinking about animals that are endangered and designing posters to encourage people to protect them.</p> <p>Our second topic will be 'Teeth and Eating'. They will learn about the different types of teeth humans have and what we use them for, as well as the importance of looking after them! Then they will delve further into the functions of the digestive system, writing about the journey a piece of food takes as it makes its way through the body. They will find out about some of the things that can wrong with the digestive system and the importance of a healthy diet. They will also study different food chains learning about the role of producers, predators and prey.</p>	
GEOGRAPHY 	<p>The other subjects this term will be closely linked to our rivers topic in geography. The children will be exploring what rivers are, why a river doesn't run out of water (linked to the water cycle) and how rivers are formed. This will include a trip to the river Tees in our neighbouring village, Croft where they will see some of the features of a river and sample the river flow. The children will also be discussing flood risks with a visitor from the Environment Agency towards the end of the topic.</p> <p>After half term, the focus is on Europe which will lend itself into the history topic next term; the Romans. The children will use atlases to identify Europe on a world map and countries within the continent. They will identify some European flags and the capital cities of these countries. The children will learn the difference between 'human and psychical' characteristics and name some of those most famous landmarks in Europe. They will learn that Europe is located in the northern hemisphere and can describe the typical climate of northern and southern Europe.</p>	<p>You and your child could take a stroll down to a local river and see if they can tell you anything about how the river was formed.</p>

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<p>DESIGN & TECHNOLOGY</p> 	<p>In DT this term, year 4 will be designing and making their own story books about the water cycle using sliders and levers. They will be exploring the design features of their products and linking this to the intended users. The children will also be explaining the purpose of their products and how particular parts of their products work.</p>	
<p>ART</p> 	<p>This term, Year 4 will use rivers as their inspiration to create their own colourful collages. The children will be experimenting with how to create moods, feelings and movements and developing an awareness of contrasts in texture and colour. As well as creating river collages, the children will also get the opportunity to create collages using other stimuli, such as music, stories and poems.</p>	<p>Can your child create their own collage at home using inspiration from their local surroundings?</p>
<p>RE</p> 	<p>The children will be exploring the Buddhism faith. They will learn about the main beliefs of Buddhism, how and what they worship and even practise meditating. They will learn more about who Jesus was and about his life and teachings and they will think about how being a Christian affects how people live their lives. As we approach Christmas we will be asking why Christians call Jesus 'light of the world'. The children will learn about the symbols of light found in the Christmas story and about the meaning of the Advent ring.</p>	
<p>PE</p> 	<p>Over the course of this term the children will be practising invasion skills in rugby and developing their fitness and stamina with a coach from Martin Gray Football Academy. They will also create their own dance routine to the Charleston and develop their returning skills in tennis and volleyball.</p>	<p>Please ensure that your child remembers to bring their PE kit and water bottle every Thursday. We will be outside in all weathers (within reason) so warm tracksuit, waterproof, hat and gloves are also needed as we head into winter.</p>
<p>PSHE</p> 	<p>The first half term covers health and wellbeing. The children will learn to recognise their own personal qualities, strengths, skills and interests. They will learn how to set goals for themselves and how to deal with setbacks. After half term, Year 4 will be introduced to puberty; how their body changes externally. As always we will be celebrating anti-bullying week in November which this year has the theme "One Kind Word" and cover the annual 'NSPCC PANTS' lesson.</p>	<p>There are often articles in the news or on Newsround about environmental issues which are good to watch and discuss together at home. Find out more about anti-bullying week at: www.anti-bullyingalliance.org.uk/anti-bullying-week</p>
<p>MUSIC</p> 	<p>The children will be learning to play brass instruments lead by the Durham Music Service and also how to read music. They will be listening carefully to each other's performances and offering helpful feedback.</p>	
<p>COMPUTING</p> 	<p>We will start the year getting to grips with our new Computing Scheme 'Purple Mash'. The children will learn how to log on to Purple Mash, where to save their work and will also have the chance to explore the Purple Mash topics and tools. Year 4 will learn how to create a playable game in their coding unit. In their online safety unit, the children will learn what the terms 'phishing' and 'plagiarism' mean and have an awareness of the effects of installing malware on to computers. They will also take more ownership of how they use their free time regarding active and digital activities.</p>	<p>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!</p>
<p>FRENCH</p> 	<p>We will start our French this year by finding out which other countries have French as an official language and learn the French names of those countries. The children will recap classroom instructions and phrases learnt last year and learn new ones –there will be opportunities to practise these on a daily basis. They will continue to ask and answer questions about themselves, such as their name, age how they are feeling and will learn how to introduce and talk about members of their immediate family. The children will also learn how to count on to 100 and develop their understanding of the alphabet and sounds to spell known words. As we approach the end of term, the children will learn some vocabulary related to Christmas and will learn to sing a French Christmas carol.</p>	<p>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</p>