







Hurworth Primary School

Curriculum Information for Parents

Spring Term 2021-2022

YEAR GROUP: 5		TERM: Spring
SUBJECT	OVERVIEW OF LEARNING	IDEAS FOR LEARNING AT HOME
MATHS 	<p>Multiplication & Division: Multiply two-digit, three-digit and four-digit numbers by a one-digit number using formal written layout, then advance to multiplying two, three and four-digit numbers by a 2-digit number. Divide two-digit, three-digit and four-digit numbers by a one-digit number. Continue to recall multiplication and division facts for multiplication tables up to 12×12.</p> <p>Fractions: Compare and order fractions whose denominators are all multiples of the same number. Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths. Recognise mixed numbers and improper fractions and convert from one form to the other. Add and subtract fractions with the same denominator and denominators that are multiples of the same number. Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.</p> <p>Decimals & Percentages: Read and write decimal numbers as fractions. Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. Round decimals with two decimal places to the nearest whole number and to one decimal place. Read, write, order and compare numbers with up to three decimal places. Solve problems involving number up to three decimal place. Recognise the percent symbol (%) and understand that percent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal. Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.</p>	<p>Please continue to encourage your child to practise their times tables - Times Tables Rockstars or Hit the button is a fun way to do this.</p> <p>Encourage your child to think about fractions, decimals and percentages in everyday settings – such as looking at fractions of shapes when sharing out food, or when you're out and about you might see sale signs in shop windows with percentages – you could encourage your child to mentally convert this to a fraction or a decimal.</p>
ENGLISH	<p>Linked to their geography topic on Coasts the children will complete a writing task based the picture book Floatsam by David Wiesner. This wordless picture book tells a fascinating story and carries a strong message. The children will develop both their informal and formal persuasive writing skills based on the environmental issues hinted at in this book. The class novel this term is Letters from the Lighthouse by Emma Carroll. This novel captures our curriculum theme of Coasts, set against a backdrop of the Second World War. The children will develop their narrative skills by writing an informal letter as a character from the book, and by developing a longer, chaptered story in the style of Emma Carroll. They will also be writing a procedural text about how people kept themselves safe during the Second World War.</p>	<p>It is important that the children write whenever they can, using the skills they have been taught in their lessons. Perhaps they could write a letter as a character from their own favourite book, or write a procedural text about how to do something they're really enthusiastic about? Or maybe write a poem or a short story about their own experiences of the seaside? You child can also 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>
SCIENCE	<p>This term, the children will complete their learning about everyday materials, looking at separation, reversible changes, and what changes take place in everyday scenarios such as cooking.</p> <p>Following this we will be learning about life processes, including reproduction in plants and some animals, pollination and fertilisation. They will learn different ways plants disperse seeds, how plants are pollinated and how they have adapted to be able to do so. We will also be recapping the main animal groups and their characteristics, and comparing life cycles of mammals, insects, amphibians, and birds.</p>	<p>As we move into spring, children could observe the changes that are happening in the natural world. What evidence of new life can you see? Look at what is happening in different habitats, either in your garden or when going out for a walk. Look at plants and identify different parts, and look for evidence of pollination happening. You could even plant your own seeds (such as cress or beans) and keep an observation diary of what happens each week!</p>
GEOGRAPHY	<p>This term our topic in geography is Coasts. The children will be learning what defines a coastline and identifying key physical and human features. They will study how coasts vary in appearance and change over time, as well as learning the reason for those changes, such as erosion and deposition. They will learn the function and importance of sea defences, and find out about the effects of human activity on coastal areas. We will also learn about the coast as a habitat and explore the factors that can damage them.</p>	<p>Children could use the internet to research a specific coast in our local area, or one they have visited, and make a leaflet about it. Or they could find out what animals live in coastal habitats and share what they have found out. If you get the opportunity to visit the coast one day you could observe some of the features we have discussed and draw a map. You could also go for a walk using our fieldwork skills to follow a map of the area where you live.</p>
DESIGN & TECHNOLOGY	<p>Our focus in D&T this term will be textiles. The children will look at our simple textile items such as drawstring bags are put together, and will learn about different types of fabric and fastenings. They will also learn how to join fabric together and how to create and use a simple 2D pattern. They will design a simple product and select fabric and fastening to suit their purpose before making and evaluating their final product. The aesthetic design of the product will also link to our overarching Coasts topic.</p>	<p>Children could further their understanding of fabrics and fastenings by looking at different textile products at home – there will be far more than they first expect! They could look at the different types of fastenings used and discuss why they have been</p>

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		chosen. They could also look at clothes for different occasions and talk about why they are made from different fabrics. They could also look at their favourite clothes or talk about clothes in shops and consider what about the design appeals to them.
ART	This term the children will explore the visuals of coasts and textile and collage skills to create mixed media pieces inspired by the seaside. They will learn and apply techniques such as stitching, weaving, applique, plaiting, and soft sculpture, creating artwork which they can then embellish using a range of materials. They will look at artists such as Carolyn Saxby and Vanessa Barragão for inspiration, and study how they use materials such as wool, fabric, paper and natural and recycled materials to create textile collages inspired by coasts and the sea.	They children could create their own coastal artworks at home using any artistic skill they like – painting, drawing, textiles, digital, or even sculpture! If you visit the seaside they could also collect driftwood, shells or sea glass to bring to school and use in their artworks.
RE	In RE this term, we will be learning about what Christians believe about God. We will be looking at the Bible and how it uses metaphor to describe God. We will also learn about the Holy Trinity, and how God is believed to be 'three in one'. Later in the term we will be exploring the importance of the Last Supper to Christians. Children will learn about the events of Holy Week, exploring the Last Supper in particular detail. We will also learn about how Christians remember the importance of the Last Supper through the ritual of the Eucharist.	Children could discuss what they have learned at home what they have learned and explain why the Holy Trinity is important. As we lead up to Easter ask children about the events of Holy Week, and see what themes the children notice.
PE 	<u>Spring 1</u> Tennis / net games – building up accuracy with a focus on rallies using a range of techniques / shots. Football skills – focussing on close control whilst dribbling and maintaining possession of the ball. <u>Spring 2</u> Netball and Basketball skills –learning some of the rules of the games and developing passing, catching and shooting skills. Gymnastics – Travelling, turning, jumping and creating routines: developing flexibility, strength, control and balance.	Please ensure that your child remembers to bring their PE kit every Friday. 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. They will be starting swimming sessions on Wednesday afternoons so will also need to bring their swimming kit to school. We very much appreciate the support we get from parents with transporting children to and from sporting events – thank you!
PSHE 	In PSHE this term we will be looking at how everyday drugs such as alcohol and tobacco can have an impact on our health, and how we can create healthy habits. We will then move on to how we can help people in an emergency, including basic first aid, and how to deal with accidents and emergencies. Finally this term children will develop their learning about friendships and relationships, with a further focus on independence and online safety.	Support your child at home by providing a safe and supportive space for them to talk openly about anything we discuss in PSHE which they may wish to talk about with you.
MUSIC 	This term the children will continue to develop their singing and playing skills with two contrasting genres of music. In the first half term we will be looking at a pop ballad, and then in the second half term we will learn an old school hip hop song. Through these two units there will also be an introduction to composing music to play alongside the learned songs.	Listen to a variety of music at home – perhaps together you could find some other pop ballads and old school hip hop songs? If there's any the children particularly enjoy they can then recommend them to us in school!
FRENCH 	In French we will be recapping our learning about family vocabulary. We will then be learning new vocabulary about numbers, colours, home, time, animals, and food. We will also be reading the story of 'Les Trois Petits Cochons' – The Three Little Pigs!	Let your child be the teacher and ask them to teach you how to speak some French! They could also develop a habit of telling the time in French, or using the French names for colours, or food when you go shopping. There are lots of French games and activities on the BBC website: www.bbc.co.uk/bitesize
COMPUTING 	In the first half term the children will complete the Purple Mash unit on Coding, learning what a code needs to be able to function and understanding the instructions must be specific and complete. Then they will move onto spreadsheets and databases, learning how to use them and then creating them for a purpose. Finally they will become game programmers by developing their skills to design and create their own functional computer game.	Children will be able to access Purple Mash at home and can try out some of their new skills when they are set for them as a 2Do. Continue to talk to them about online safety, encouraging open conversations about what they access online.