

To Infinity & Beyond!
Year 5
Autumn Term Newsletter



Housekeeping
PE Days – Tuesday and Friday
Spelling Test Day – Wednesday
Tables Test Day - Wednesday

Lammack Values
Autumn 1 - Love
Autumn 2 – Determination

English

Mathematics

Writing

This term, we will be exploring legends of the British Isles, science fiction, persuasion, film and play scripts and classic narrative poetry. When learning about legends, the children will read Beowulf and they will aim to write a legend. During these units, we will be practising grammatical features in our writing such as -ed openers (e.g. Tricked by Grendel, Beowulf was defenceless) punctuating complex sentences, including modal verbs (e.g. might, could, shall, will and must) and using adverbials for time, place and numbers (e.g. Several hours later, on a nearby planet). Throughout these units, we will be using oracy techniques (such as conscience alley, hot seating and 'just a minute' speeches) as well as giving children abundant opportunities to present and perform.

Reading

Throughout the autumn term, we will be reading 'The Nowhere Emporium' and unpicking the text using different questioning techniques. The main areas of focus will be retrieval (where the children have to find the information directly in the text), vocabulary (understanding the meaning of different words and being able to apply this in their sentences) and inference (using evidence from the text to reinforce or explain a point). Thank you for your support from home with reading. Reading and discussing a few pages each day helps the children to develop a firm grasp of the texts that they read and will help to build their love of books. Please sign their homework diary every time that they read with an adult so that they can win a prize at the end of each half-term!

Spelling / Grammar

We are currently working through the Year 5/6 spelling rules with the children. The weekly spelling tests help to embed these rules. The children are working hard on their spelling in their writing. If you notice words that the children are regularly misspelling please do correct them.

Reasoning

Mathematical reasoning is a critical skill that demonstrates to children that mathematics can be understood! Reasoning in maths is the process of applying logical thinking to a situation to derive the correct problem-solving strategy for a given question and using this method to develop and describe a solution. Mathematical reasoning is the bridge between fluency and problem-solving. We use reasoning to solve problems which deepens our children's understanding of mathematical concepts. In Year 5, the children are expected to be able to explain their understanding of mathematics through clear verbal and written explanations.

Arithmetic

In Year 5, our children practise their mental and written arithmetic skills daily. Every Wednesday, we will complete mental arithmetic assessments and times tables recall tests to encourage and support our children with their mathematical skills. To extend and develop your child's mathematical skills, we strongly encourage them to access 'Times Tables Rock Stars'; this is an excellent resource that provides children with an opportunity to practise and improve their mental mathematics. The autumn term will also be spent focussing on place value, as this is a fundamental requirement in the understanding of numbers up to 1,000,000. Please refer to the 'Year 5 Expectations' booklet to best support your child with their mathematical development this year.

Shape, space and measure
We will be estimating, drawing and measuring angles as well as distinguishing between regular and irregular shapes. We will also be measuring and calculating the area of composite rectilinear shapes using centimetres and metres.

Handwriting

Children will be working towards achieving the bronze, silver and gold handwriting awards each term.

English presentation guidelines:

English should be completed in pen. The long date should be written at the top of each piece of work. A ruler should be used to underline the date and learning objective. Letters should be joined, sit neatly on the line and be of a consistent size.

Mathematical Vocabulary

Millions, tenth, hundredth, thousandth, power of 10, decimal, round, estimate, ascending, descending, exchange, regular, irregular, quadrilateral, right-angled, symmetry, half, quarter, third, numerator, denominator, fraction.

Maths presentation guidelines:

The short date should be written at the beginning of each piece of work. A ruler should be used to underline the date and to draw any answer boxes. All maths work should be completed in pencil. 1 digit should be written in each square. The decimal point should have its own square. All of the digits should be formed accurately.

Topic					
<p>Design and Technology</p>  <p>Can you find out what the following words mean? textile, fashion surface, texture, materials, select, combine, reflect, fabric, thread, stitching techniques, components, embellishments.</p>	<p>This term, we will be using a range of materials and stitching techniques to design a piece of clothing for the dolls in the reception classes. We will be looking at the designer Victoria Beckham and trying to recreate her style. We will be focusing on joining materials by hand, creating hems and adding design detail.</p>	<p>Art</p>  <p>Vocabulary collage, overlap, overlay, construct, pattern, join.</p>	<p>The children will be studying the work of artist, L.S. Lowry. They will be creating, and adding collage to a painted or printed background; creating and arranging accurate patterns; using a range of mixed media; planning and designing a collage.</p>	<p>Music</p>  <p>The children will be focusing on Rock – how Rock music developed, and Jazz music – the history of Jazz. We will listen and appraise several songs before using both instruments and our voices to compose pieces of music.</p>	<p>PE</p> <p>This term, our indoor P.E. sessions will be based around gymnastics, whilst in our outdoor sessions, we will be focussing on invasion games (e.g. hockey). Year 5's P.E. days are Monday and Thursday; please ensure that your child comes to school dressed appropriately in their PE kit on these days: a plain red t-shirt, plain black leggings or jogging bottoms and trainers.</p>
<p>Computing</p>  <p>Vocabulary algorithms, coding, robots, program.</p>	<p>The children will look at programming through the use of the Lego WeDo. They will connect and program components and explore how these can be used in algorithms and programs through the use of an input device. They will also use algorithms and construct programs using the Scratch program. We will have a strong focus on internet safety throughout the term.</p>	<p>HRE</p>  <p>Vocabulary influences, media, personal information, responsibility, physical contact, confidentiality, personal safety,</p>	<p>The children will be looking at how they can 'keep safe' this term. We will be exploring the concepts of peer pressure, keeping safe outside of school and how to ensure that we are using the internet and mobile devices responsibly. Throughout the year, we will learn about all body parts including specific names for our private parts including the correct terminology for male and female genitalia.</p>	<p>Modern Foreign Languages</p> <p>During the autumn term, the children will be focusing on several key objectives to enhance their French speaking and understanding. The children will recap their previous learning in French (e.g. clothes and animals) and they will be expected to apply this to their French work this year. The children will use their oracy skills to take part in spoken French activities where they will use body language, gestures and facial expressions to express feelings and emotions. The children will learn how to say and express different emotions and feelings in French, follow a simple story and confidently present information about themselves. By the end of the unit, the children will have been given opportunities to speak for extended periods in French.</p>	
<p>Science</p> 	<p>Key question: What is the solar system?</p>		<p>Vocabulary</p>		
<p>We will be looking at the movement of the planets around the sun, how the moon moves around Earth and how gravity keeps the planets, moons, stars and satellites in space. We shall also be looking at how night and day occur and how the seasons occur. We will be looking at the formation of the solar system. After the half term, we will be looking at forces. We will learn how unsupported objects fall towards the Earth because of gravity. As well as this, we will look at the effects of air resistance, water resistance and friction.</p>		<p>planet, star, solar system, axis, orbit, rotate, satellite</p> <p>gravity, resistance, friction, gear, Newton, accelerate</p>			

<p>Geography</p> 	<p>Key question: What are the main differences between mountain ranges and hills?</p> <p>We will be exploring the topic of "Magnificent Mountains," where your child will explore four prominent mountain ranges from outside the UK, expanding their global geography knowledge. They will also learn about the various mountain ranges within the UK. Additionally, they will delve into the key physical features that make up mountains, from towering peaks to deep valleys. By examining the climates of two different mountain ranges, the children will gain a deeper understanding of the diverse environments that mountains create. Finally, we'll discuss how tourism in some mountain ranges changes throughout the year, helping your child appreciate the relationship between human and physical geography.</p>	<p>Vocabulary</p> <p>tourism, compare, land use map, atlas, city, town, county, country, capital city, Europe, Great Britain, United Kingdom, orientation, key, representation, symbol, location, population, counties</p>
<p>History</p> 	<p>Key question: How has Lammack changed over the years?</p> <p>We will be studying the history of our local area and how Blackburn has changed over time. We will be using the Industrial Revolution and looking into the cotton industry to help us do this. We will be using the area local of our school to help us see how Blackburn has changed over the years. Did you know that there are handloom weaver cottages on Lammack Road here today? We wonder whether you can spot any on your journey to and from school?</p>	<p>Vocabulary</p> <p>impact, local area, rural, residential, handloom, loom, fibre, weave, yarn and spindle</p>
<p>RE</p> <p>RELIGIOUS EDUCATION</p>	<p>Key question: How do people of world faiths mark the end of life?</p> <p>We will begin this term with our unit, 'Loss, Death, and Christian Hope'. We will explore what different religious and non-religious groups believe about death and explore what different religions believe happens when you die. The children will research how different faiths mark the end of life and discuss the similarities and differences that we find. Throughout our topic, children will be encouraged to ask questions which we will explore together. Later this term, we will look at what matters most to us and identify how we can make a difference in the world we live in. We will look closely at inspiring people who have tried to change the world such as Nelson Mandela and Martin Luther King.</p>	<p>Vocabulary</p> <p>Life, death, heaven, eternal life funeral, reincarnation, hope, justice, compassion, dedication, desire, Nelson Mandela, Martin Luther King, responsibility</p>
<p>Things that you could do at home!</p>		
<p>Go hiking up a hill or a mountain with your family!</p>	<p>Find out about a famous fashion designer of your choice.</p>	<p>Plan and embark on a local walk around Blackburn. Can you see any links to the cotton industry?</p>
<p>Take part in 'Extreme Reading' where you read your favourite book in an unusual location...</p>	<p>Create a flipbook which tells a story using moving pictures.</p>	<p>Take some time to try stargazing! Can you see any of the major constellations?</p>