

Learning in Year 4

<p>Geography</p> <p>As Geographers, we will look at the water cycle closely, diving deep and understanding the importance of water to our planet and lives. We will research the four main stages of the water cycle and draw diagrams by researching further. We will begin to identify the key features of a river system and label them using aerial images. We will begin to recognise symbols on an OS map. Furthermore, we will draw a sketch of a river system, identifying the different sections. We will use online resources to support our research like Google Earth. We will look at local rivers including the River Thames and use coordinates to locate features on a map. We will respond to geographical questions and work collaboratively in small groups and pairs.</p>	<p>Maths</p> <p>As mathematicians, we will be continuing to learn about multiplication and division. We are also focusing on factor bugs and what a factor is. We will be using formal written methods including arrays and groupings. We will use familiar mathematical vocabulary and use these in context.</p> <p>We will then look at perimeters and how to count them on a grid. We will use cubes to help us count rectilinear shapes on a grid and then move on to perimeter without a grid.</p>	<p>Science</p> <p>As scientists, we will be classifying objects according to their properties. We will be looking at the states of matter closely; solid, liquid and gas. Using observation grids, we will record our findings on a selection of materials. We will sort these materials and agree on criteria with discussion. We will follow scientific methods and carry fair investigations. make some decisions about which types of enquiry will be the best way of answering questions including observing changes over time, noticing patterns, grouping and classifying, carrying out simple comparative and fair tests, finding things out using secondary sources. Using our results from fair testing, we will discuss how best to represent those including bar charts. From our results, we will analyse the data and write conclusions.</p>
<p>PE</p> <p>As athletes, this term, we will explore gymnastics. Our indoor PE section includes performing different body shapes with accuracy and exploring and understanding the amazing things our bodies can do. We will use the indoor hall to travel around, creating movement and use apparatus to show balancing. Finally, we will perform sequences maintaining control using a variety of apparatus. Our outdoor session is football this term. We will learn how to keep</p>	<p>Music</p> <p>As musicians, we will be learning about creating music and effectively using the programme called 'STOP'.</p>	<p>DT</p> <p>As design and technology experts, we will be learning about designing our own playground equipment. We will use different structures to make a final piece.</p>

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<p>control of the ball while travelling. This then expands into travelling with the ball in and out of cones and tight spaces. In small groups, we will learn how to pass the ball accurately, what part of our foot to use to pass. We will explore turning our bodies while receiving a pass, tackling and shooting accurately at a given target. This will culminate in team games.</p>		
<p>Computing</p> <p>As technicians, we will select a variety of images to work with using Pixabay. We will also look at changing the composition of images using the crop button. We will discuss our choices, and this enhances the image. We will discuss and share ideas as to how images are changed for different uses, Using Paint.net, we will use a variety of tools the change our images either by colour, tone or brightness.</p>	<p>English</p> <p>As readers, we will explore Michael Morpurgo's Kensuke's Kingdom this term. We will read on a selection of pages, focusing on specific parts of the book. Then, we will answer a variety of questions including retrieval and inference. In vocabulary, we will dive deeper and understand why the author has selected a certain vocabulary and its effect. Moving forward, we will make predictions, using our knowledge of the book.</p> <p>As writers, we are also looking at Kensuke's Kingdom. We will start our focus on poetry and gain vocabulary to write our own list poems. Then, we will analyse character behaviour and emotions, through drama, analytical work and group discussions. We will plan and learn from the structure, vocabulary and grammar. We will look at the features of the genre of writing, discuss and record ideas. We will draft and write by composing and rehearsing sentences orally,</p>	<p>RE / PSHE</p> <p>In PSHE, we will be looking at keeping safe and what we should do to make sure that we are safe in many situations.</p> <p>In RE, we will be studying the big question 'What religions are represented in our neighbourhood?' We will be looking at religions in our community and how we all make a team.</p>

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	building a varied and rich vocabulary and increasing the range of sentence structures. We will use hot seating and freeze frames to understand character emotions and motives, evaluating and making our own judgements. Finally, we will evaluate and edit the effectiveness of our own writing and reflect on further improvements.	
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