

Year 5 - Summer 1



What we will be learning this half term:

<p>READING</p> <p><i>Pupils will learn to retrieve, record and present information from both fiction and non-fiction texts. Pupils will refer to the text layout and organisation of different texts and discuss their findings. Pupils will distinguish the main points from examples; fact from opinion. Pupils will have the opportunity to read books that are structured in different ways and also know that they read for a range of purposes. Pupils will make comparisons within and across books that they have read both in and out of school.</i></p>	<p><i>How to help at home</i></p> <p><i>Encourage your child to read widely within a range of genres.</i></p> <p><i>Ensure your child regularly logs in to Reading Eggspress at home. Tasks will be set by the class teacher throughout the half term.</i></p>
<p>WRITING</p> <p><i>Pupils will cover a range of writing genres including letters, a non-chronological report, fact files and narrative continuations. They will also get the opportunity to research various themes and ideas created in the class text to then share with the rest of the class.</i></p> <p><i>Pupils will ensure the correct subject and verb agreement when using singular and plural. Pupils will begin to include humour, surprise and suspense in their narratives. They will also begin to create atmosphere and integrating dialogue, to convey character and advance the action. Pupils will practise using a wide range of clause structures, varying their position within the sentence.</i></p> <p><i>Pupils will continue to use modal verbs to indicate degrees of possibility, use powerful adverbs as well as include similes and metaphors. Pupils will use a wider range of synonyms and the 'Word of the Week' to enhance their writing. Pupils will continue to practise the spelling of all common exception words using the year 5 and 6 word list.</i></p> <p><i>Pupils' writing will be based on the text 'How To Train Your Dragon' which is written by Cressida Cowell. We will finish the text next half term.</i></p>	<p><i>How to help at home</i></p> <p><i>Encourage your child to read and understand different characters' viewpoints, inferring their feelings.</i></p> <p><i>Practise writing in paragraphs and using a range of cohesive devices to enable their work to flow.</i></p>
<p>MATHEMATICS</p> <p><i>This half-term pupils will learn:</i></p> <ul style="list-style-type: none"> • <i>Quickly recall multiplication and division facts for tables up to 12x12 and using them confidently in larger calculations.</i> • <i>Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language and know that the shape has not changed.</i> • <i>Estimate (and calculate) volume (for example, using 1 cm³ blocks to build cuboids (including cubes)) and capacity (for example, using water).</i> • <i>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</i> • <i>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 with a denominator of a multiple of 10 or 25</i> 	<p><i>How to help at home</i></p> <p><i>Practise times tables regularly with your child.</i></p> <p><i>Ask them to tell and show you what they have learnt daily.</i></p>
<p>SCIENCE</p> <ul style="list-style-type: none"> • <i>The focus this half term is based on the topic of <u>Earth and Space</u>. Pupils will describe the movement of the Earth and other planets, relative to the Sun in the solar system. They will also describe the movement of the Moon relative to the Earth and describe the Sun, Earth and Moon as approximately spherical bodies.</i> • <i>Pupils will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. Pupils will be introduced to a model of the Sun and Earth that enables them to explain day and night.</i> • <i>Pupils will learn that the Sun is a star at the centre of our solar system and that it has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune (Pluto was reclassified as a 'dwarf planet' in 2006).</i> • <i>Finally, pupils will find out about the way that ideas about the solar system have developed, understanding how the geocentric model of the solar system gave way to the heliocentric model by considering the work of scientists such as Ptolemy, Alhazen and Copernicus.</i> 	<p><i>How to help at home</i></p> <p><i>Ask your child what they have been learning.</i></p> <p><i>Support your child by asking questions about the different planets and reading up on any extra information to embed their learning.</i></p>

COMPUTING	
<p><i>This half term, children will be using a new coding program called <u>Scratch</u>. This will enable them to more clearly understand how code is structured, and how to manipulate code to achieve specific outcomes. Children will be learning how to use the 'If... Then Else ...' structure to write programs of their own, and to develop an understanding of how computer programs can branch depending on specific conditions. Pupils will also be looking at how to modify existing code to achieve a different result.</i></p>	<p><i>Ask your children what they have been learning in computing.</i></p>

HUMANITIES	
<p><u>Geography</u> <i>This half term, pupils will be looking at the continent of Antarctica and the effects of Global Warming on our planet. Children will be comparing the climate and environment of Antarctica and the UK, and exploring how the lives of those who live in Antarctica differ from ours. They will also be looking at the causes and effects of Global Warming, why this is an issue that affects everyone, and discussing what we can do to help reduce the harm caused by Global Warming</i></p>	

MUSIC	RE	PSHE
<p><u>Singing</u> <i>Pupils will sing songs while clapping a simple rhythm pattern. Pupils will perform an African song with rhythmic accompaniment. Pupils will take the lead in vocal warm up and sing in harmony parts.</i></p> <p><u>Instruments (Djembe drums)</u> <i>Pupils will understand the different parts of the djembe. Pupils will accurately copy drum rhythms and use shakers to maintain a confident steady pulse with layered rhythms; they will learn a synchronized pattern on the bell as part of a group. They will recognise call and response when playing drums. Pupils will improvise and compose call and response rhythms with a partner. They will accurately copy drumming rhythms using two tones whilst creating a group rhythmic composition.</i></p>	<p><u>Hinduism</u> <i>Pupils will be able to recall what is meant by Karma. They will learn about some things that Hindus believe about life after death. Pupils will be explain how beliefs about life and death make an impact on the ways Hindus choose to live their lives.</i></p>	<p><u>Relationships</u> <i>Pupils will be able to use subject specific vocabulary which is appropriate and accurate. Pupils will understand what harmful sexual behaviour is. Pupils will understand their rights and responsibilities online. Pupils will recognise the risks of online gaming, gambling and online grooming and finally online sexual harassment. Pupils will recognise and explain how friendships change.</i></p>

ART & DT	PE
<p><u>DT:</u> <i>This term, children will be designing and producing a Bird Hide from wood and card. They will be looking at how to make a 3D structure stronger and more stable, linking with our previous work in science about the suitability of different materials for different tasks. Pupils will also be looking at how making a prototype/scale model can result in changes being made to designs and the final product.</i></p>	<p><u>Outdoor & Adventurous Activities</u> <i>Children will use effective communication and co-operation to work as a team. They will experience a range of roles within their team. Pupils will orientate themselves with confidence and accuracy around a short trail, using the cardinal directions on a map: North, East, South and West. They will also use a simple map with confidence and accuracy to complete a challenge.</i></p>