

# Year 5 Spring 1

## What we will be learning this half term



<p><b>READING</b></p>	<p>How to help at home</p>
<p><b>Reading Comprehension</b></p> <p>Pupils will talk about themes in a story and recognise thematic links with other texts. Pupils will be able to locate a quote and explain the reason it may be used. Also pupils will be able to use the text to help them act out a scene between two characters. Pupils will explain how the author used language to evoke emotions and encourage the reader to want to read further. They will participate in discussions about books, building on their own and others' ideas and challenging views courteously. Pupils will draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.</p>	<p>Encourage your child to read widely within a range of genres.</p> <p>Ensure your child regularly logs in to Reading Eggspress at home. Tasks will be set by the class teacher throughout the half term.</p>
<p><b>WRITING</b></p>	<p>How to help at home</p>
<p>Pupils will cover a range of writing genres including letters, character descriptions, play scripts as well as a blog. They will also get the opportunity to research themes using laptops to then present the class.</p> <p>They will begin to use a wide range of clause structures, varying their position within the sentence. Pupils will also start to use a range of fronted adverbials, both short and long sentences and relative clauses effectively add detail, qualification and precision.</p> <p>Pupils' writing will be based on the text 'Oranges In No Man's Land' which is written by Elizabeth Laird.</p> <p>They will be covering:</p> <ul style="list-style-type: none"> <li>Spelling patterns and rules</li> <li>Roots words</li> <li>Relative clause</li> <li>Relative pronouns</li> <li>Hyphens</li> <li>Suffixes/prefixes</li> <li>Direct/indirect/reported speech</li> <li>Irregular plurals</li> <li>Apostrophes for possession and contraction</li> <li>Homophones/homonyns</li> </ul>	<p>Encourage your child to read and understand different characters' viewpoints, inferring their feelings.</p> <p>Practise writing in paragraphs and land include some of the listed grammar opposite.</p>
<p><b>MATHEMATICS</b></p>	<p>How to help at home</p>
<p>This half term pupils will learn about:</p> <ul style="list-style-type: none"> <li>• Quickly recalling multiplication and division facts for tables up to 12x12 and using them confidently in larger calculations.</li> <li>• Rounding whole numbers to the nearest 10, 100, 1000 and 10000.</li> <li>• Identify and draw angles of different size. Find the missing angles of a given shape.</li> </ul>	<p>Practise times tables regularly with your child.</p> <p>Give your child worded problems to solve both orally in written</p> <p>Ask them to tell and show you what</p>

<ul style="list-style-type: none"> <li>• Multiplying and dividing decimal numbers.</li> <li>• Multiplication and division word problems.</li> <li>• Adding and subtracting fractions.</li> </ul>	they have learnt daily.
<b>SCIENCE</b>	<b>How to help at home</b>
<p>The focus this half term is based on the topic of Properties and Changes of Materials. Pupils will compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets. Pupils will learn that some materials will dissolve in liquid to form a solution and then describe how to recover a substance from a solution. They will also use their knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Pupils will demonstrate that dissolving, mixing and changes of state are reversible changes. They should explore reversible changes, including, evaporating, filtering, sieving, melting and dissolving, recognising that melting and dissolving are different processes.</p>	<p>Ask your child what they have been learning. Support your child</p>
<b>COMPUTING</b>	
<p>This half term, pupils will learn how to generate random numbers to control an object's speed. Next they will program an object to move in random directions and appear in random places. Pupils will also use different ranges of numbers to program objects to have different speeds and movements. Pupils will create a virtual pinball game.</p>	

<b>HUMANITIES</b>		
<p><u>Geography:</u> Pupils will locate the world's countries concentrating on their environmental regions, key physical and human characteristics, countries and major cities. They will also revisit the 7 continents. Pupils will be able to Identify countries within South America and understand the term 'climate zones' and identify some differing ones. We will also learn about global warming and its implications.</p>		
<b>MUSIC</b>	<b>RE</b>	<b>PSHE</b>
<p><u>Singing</u> Pupils will sing songs in different languages and with harmony. Pupils will find rhythm patterns in well-known songs. Pupils will sing more demanding songs.</p> <p><u>Instruments</u> Pupils will know how to strum a chord on the ukulele and to know how to play a greater range of notes on the recorder Pupils will perform on recorders and ukuleles with</p>	<p>Pupils will learn about different beliefs and their sources. Pupils will learn and discuss the main principals of Judaism and Humanism. Pupils will explain the Biblical creation theory and explore the idea that the Old Testament story is not necessarily in conflict with science as the quote suggests but can be taken as a reason why.</p>	<p>Pupils will identify what they would like their life to be like when they are grown up. Pupils will understand about the range of jobs carried out by people they know and have explored how much people earn in different jobs. They will appreciate the contributions made by people in different jobs. Pupils will describe the dreams and goals of young people in a culture different to theirs. They will understand that communicating with someone in a different culture means that they can learn from each other.</p>

<p>growing confidence. Pupils will use greater sense of expression when singing alone and in a group.</p>		
<p>ART &amp; DT</p>	<p>PE</p>	
<p><u>Art</u> Pupils will develop their knowledge about the works created by various artists, designers and architects as well as their influences. This term pupils will make a 3D model and learn about the artist Brancusi. Pupils will be able to improve their mastery of sculpture in the context of modelling newspaper birds.</p>	<p><u>Swimming:</u> Pupils will continue to swim competently, confidently and proficiently over 25 metres or more using a range of strokes effectively (e.g. front crawl, backstroke, side stroke) They will learn to perform safe self-rescue in different water-based situations.</p> <p><u>Gymnastics</u> Pupils will develop increasing flexibility, strength, technique, control and balance of movements for gymnastics. They will develop control of movement and balance on the floor. Pupils will link floor movement and floor shapes with flow and control and perform a jump off an object, mounting and landing safely. Pupils will learn to travel with confidence and skill around, under, over and through balancing and climbing equipment.</p>	