



## Year 5 Curriculum Newsletter - Spring

<u>English</u>		<u>Maths</u>	
<p style="text-align: center;"><b><u>Writing</u></b></p> <p>Water Cycle Haiku Odin Origin Story Katherine Johnson Is your child fit and healthy?</p>	<p style="text-align: center;"><b><u>Reading</u></b></p> <p>Kensuke's Kingdom</p> <p style="text-align: center;">Reading Vipers</p>	<p style="text-align: center;"><b><u>Units</u></b></p> <p>Multiplication and Division Fractions B Decimals and percentages Perimeter and area Statistics</p>	<p style="text-align: center;"><b><u>Fluency</u></b></p> <p>Column addition and subtraction Multiplication Division Reading and writing numbers to 1,000,000</p>

Year 5		<u>Autumn</u>	<u>Spring</u>	<u>Summer</u>
	<b><u>Science</u></b>	<p>Properties and changes of materials</p> <p>Big Q - How strong is an egg?</p> <p>Big Q - Have you ever burnt your toast? What happened?</p>	<p>Living things and their habitats</p> <p>Big Q - Which pollinators visit our school grounds?</p> <p>Animals including humans</p> <p>Big Q - What if the average lifespan of a human was 200?</p>	<p>Forces</p> <p>Big Q - Have you ever tried to keep a balloon in the air?</p> <p>Earth and Space</p> <p>Big Q - What is there were 2 suns?</p>
	<b><u>DT</u></b>	<p>Cooking and Nutrition - Developing a Recipe</p>	<p>Structures - Bridges</p>	<p>Textiles - Stuffed Toys</p>
	<b><u>Geography</u></b>	<p><b>Where can we speak Spanish?</b></p> <p>SK: identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night).</p>	<p><b>What are the Andes?</b></p> <p>SK: locate the world's countries, using maps to focus on North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.</p>	<p><b>What is the Amazon?</b></p> <p>SK: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle</p>
	<b><u>History</u></b>	<p><b>Who ruled Anglo-Saxon Britain?</b></p> <p>SK: Britain's settlement by Anglo-Saxons and Scots</p>	<p><b>What was life like for Ancient Mayans?</b></p> <p>SK: a non-European society that provides contrasts with British history.</p>	<p><b>What was Iron Age life like?</b></p>

	<b><u>Art</u></b>	Yayoi Kusama	Banksy	Tie Dye
	<b><u>Computing</u></b>	Sharing information Video production	Selection in physical computing Flat-file databases	Vector drawings Selection in quizzes
	<b><u>Music</u></b>	Melody and harmony Sing and play in different styles	Composing and chords Enjoying musical styles	Freedom to improvise Battle of the bands
	<b><u>PSHE</u></b>	Being Me in My World  Celebrating Difference	My Happy Mind - Meet Your Brain  My Happy Mind - Celebrate	Relationships  Changing Me
	<b><u>Spanish</u></b>	All about me The way we look	Eating out My world	In the Classroom Our Past
	<b><u>RE</u></b>	Sacred writings Hindu Dharma Peace	Religious diversity happiness Easter suffering and hardship	Wise words Values and beliefs
	<b><u>PE</u></b>	Netball Dance Dodgeball	Gymnastics Rugby Yoga Handball	Athletics Tennis Orienteering

<b><u>Subject</u></b>	<b><u>What I need to know/do...</u></b>	<b><u>Homework Links</u></b>
<b><u>English</u></b>	<ul style="list-style-type: none"> <li>- Read regularly at home to or with an adult.</li> <li>- Practise my Year 5 Common exception word spellings.</li> <li>- Practise my weekly spelling using that week's spelling rule.</li> </ul>	<a href="#">Spelling Shed - Spelling Shed - The Science of Spelling</a> <a href="#">MC Grammar   Home   Music &amp; Lessons   England</a> <a href="#">(mrmcgrammar.com)</a>
<b><u>Maths</u></b>	<ul style="list-style-type: none"> <li>- Practise for my weekly times tables test using times table rock stars and other games.</li> </ul>	<a href="#">Times Tables Rock Stars – Times Tables Rock Stars (trockstars.com)</a> <a href="#">Times tables games - Learn them all here!</a> <a href="#">KS2 Maths - BBC Bitesize</a>
<b><u>Science</u></b>	<p><b>Living Things and their Habitats:</b> We will develop a deeper understand of:</p> <ul style="list-style-type: none"> <li>- life cycles, reproduction and animal characteristics.</li> <li>- asexual reproduction and metamorphosis to show how life cycles are constantly progressing</li> </ul> <p><b>Animals including Humans:</b> We will develop a deeper understand of:</p> <ul style="list-style-type: none"> <li>- how humans change as they grow older</li> <li>- gestation in mammals and foetal development</li> <li>- changes in the body during puberty</li> </ul>	
<b><u>DT</u></b>	<p>We will:</p> <ul style="list-style-type: none"> <li>- identify stronger and weaker shapes</li> <li>- recognise that supporting shapes can help increase the strength of a bridge, allowing it to hold more weight</li> <li>- identify beam, arch and truss bridges and describe their differences</li> <li>- use triangles to create simple truss bridges that support a load (weight)</li> <li>- cut beams to the correct size, using a cutting mat</li> </ul>	

	- complete a bridge, with varying ranges of accuracy and finish
<b><u>Geography</u></b>	<p>We will:</p> <ul style="list-style-type: none"> <li>- recap a variety of landforms and their features: canyon, gorge, valley, plateau, cliff, hill, mountain, plain, desert, river, bay</li> <li>- locate The Andes in South America and learn key facts about them</li> <li>- compare climate zones along the mountain range</li> <li>- compare life, human and physical features in places to the north and south of the mountain range - what is life like there? How do The Andes affect human activity?</li> </ul>
<b><u>History</u></b>	<p>We will:</p> <ul style="list-style-type: none"> <li>- establish that the Mayan Civilisation in 900AD contrasts with life in Britain at the same time (Saxons/Vikings)</li> <li>- place Mesoamerican region on world map</li> <li>- describe life for the Maya</li> <li>- make comparisons between Britain at the time and Mesoamerica.</li> </ul>
<b><u>Art</u></b>	<p>We will:</p> <ul style="list-style-type: none"> <li>- research Banksy's art and notable facts about them as a person</li> <li>- create a stencil in the style of Banksy</li> <li>- explore how colours convey meaning</li> <li>- create a final piece using features of Banksy's work</li> </ul>
<b><u>Computing</u></b>	<p>Sharing information:</p> <ul style="list-style-type: none"> <li>- Programming A - using crumble kits</li> <li>- Data and information - flat file databases</li> </ul>
<b><u>Music</u></b>	<p><b>Composing and chords:</b> We will learn that if we play three or more pitches together, we can create chords in music. Chords provide the basis for accompaniment in music. By using chords in compositions, we can create music that is really interesting. In this unit, we will create an accompaniment to a piece of music using chords.</p> <p><b>Enjoying musical styles:</b> 'Texture' refers to the layers of sound in a piece of music. We will learn that texture can be the number of voices and instruments you hear at once. Styles of music have different textures. We will explore how voices and instruments combine to create texture in music.</p>
<b><u>PSHE</u></b>	<p><b>Meet Your Brain:</b> We will be learning to understand our emotions and others' emotions.</p> <p><b>Celebrate:</b> We will be celebrating who we are and building self esteem in others.</p>

### **Class Information:**

All children should have a water bottle in school.

- Year 5 children have PE on Tuesday afternoon and Wednesday morning. (Earrings **MUST** be removed for these lessons).
- Spelling tests will take place on a Friday.
- Times table tests will take place on a Wednesday.
- We will count our reads on Thursday, so reading diaries need to be in school on this day.