

# Half -Termly Topic Plan

## Year 6 Spring 1

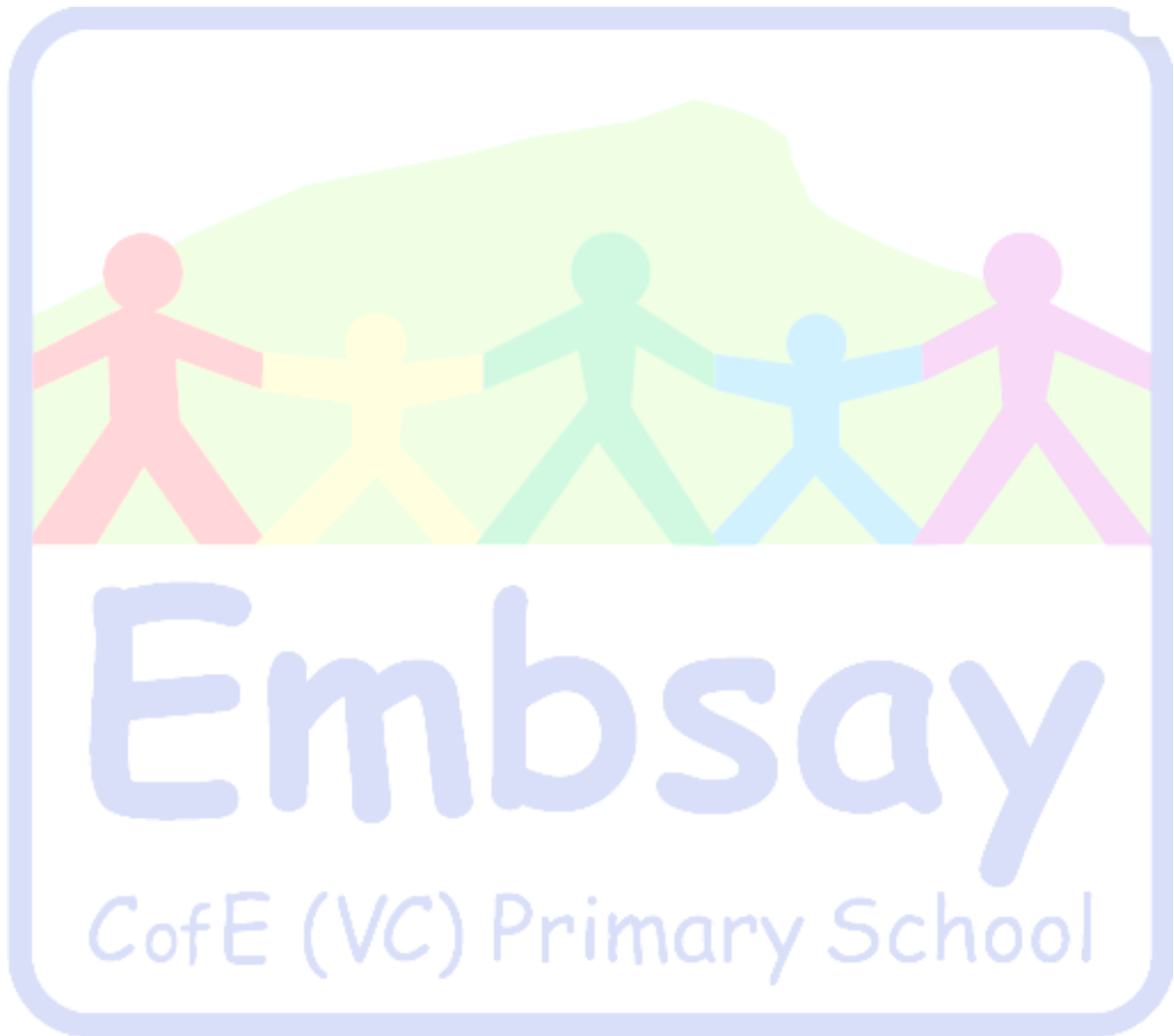
<b>Main Topic - The Beatles and Liverpool</b>	
<p><b>English</b></p> <p>During this term, Year 6 will also undertake practice Reading and GPS SATs, using previous papers.</p>	<p><b>Writing - Science Link</b></p> <p><b>Focus 1: Non-fiction - Information Leaflet</b>  <i>Dive in/Investigate:</i> the children will begin by reading 'Little People, Big Dreams: Charles Darwin'. Through the text, they will investigate his life and discoveries and look at key facts which they could include in an information leaflet about Darwin. They will begin to look at features of an information leaflet and magpie tier 2 and 3 vocabulary and structural devices to support the building of their own toolkits by looking at an exemplification text.  <i>Plan/Write:</i> the children will then plan and write their own information leaflet before editing and improving it to create a final draft.</p> <p><b>Focus 2: Non-fiction - Biographical Text</b>  <i>Dive in/Investigate:</i> the children will watch the 'Horrible Histories' Charles Darwin song before exploring 'What Mr Darwin Saw'. They will investigate features of biographical writing and magpie language and structural devices to further add to their Writing Toolkit.  <i>Plan/Write :</i> they will then plan and write a biography based on the life of Charles Darwin ensuring chronological and factual accuracy.</p> <p><b>Focus 3: Non-fiction - Persuasive Advert</b>  <i>Dive in/Investigate:</i> 'Galapagos with David Attenborough'. The children will view a number of clips from the tv series and begin taking notes. They will create a word bank of notable vocabulary, taking particular note of powerful adjectives and adverbs used in the narration of the show, as well as imagery. They will then look at a number of exemplar texts, identifying features of promotional and persuasive writing, as well as structural devices. They will add this to their toolkit.  <i>Plan/Write:</i> The children will then research and produce a promotional advert for the Galapagos Islands before editing to improve and produce a final draft using Desktop Publishing.</p> <p>Grammar, Punctuation and Spelling (GPS): passive and active; verb tenses including the subjunctive; using cohesive devices to link ideas in their writing; using higher-level punctuation effectively; learn to spell words from KS2 statutory and personal spelling lists; and -ough, -cial and -tial spelling patterns.</p> <p><b>Key Vocabulary:</b> natural selection, evolution, inheritance, species, fossil, theory, Galapagos, information, leaflet, biography, persuasive, persuade, promotional, chronological, fact, opinion, timeline, organise.</p>

<p><b>Maths</b></p> <p>During this term, Year 6 will also undertake practice Maths SATs, using previous papers.</p>	<p><b>Fractions:</b></p> <ul style="list-style-type: none"> <li>• Multiply fractions by integers &amp; fractions</li> <li>• Divide a fraction by an integer</li> <li>• Divide any fraction by an integer</li> <li>• Mixed questions with fractions</li> <li>• Fraction of an amount</li> <li>• Fraction of an amount - find the whole</li> </ul>	<p><b>Converting Measures:</b></p> <ul style="list-style-type: none"> <li>• Metric measures</li> <li>• Convert metric measures</li> <li>• Calculate with metric measures</li> <li>• Miles and kilometres</li> <li>• Imperial measures</li> </ul>	<p><b>Ratio:</b></p> <ul style="list-style-type: none"> <li>• Add or multiply?</li> <li>• Use ratio language</li> <li>• Introduction to the ratio symbol</li> <li>• Ratio and fractions</li> <li>• Scale drawing</li> <li>• Use scale factors</li> <li>• Similar shapes</li> <li>• Ratio problems</li> <li>• Proportion problems</li> <li>• Recipes</li> </ul>
	<p><b>Algebra:</b></p> <ul style="list-style-type: none"> <li>• 1-step function machines</li> <li>• 2-step function machines</li> <li>• Form expressions</li> <li>• Substitution</li> <li>• Formulae</li> <li>• Form equations</li> <li>• Solve 1-step equations</li> <li>• Solve 2-step equations</li> <li>• Find pairs of values</li> <li>• Solve problems with two unknowns</li> </ul>	<p><b>Decimals:</b></p> <ul style="list-style-type: none"> <li>• Place value within 1</li> <li>• Place value - integers and decimals</li> <li>• Round decimals</li> <li>• Add and subtract decimals</li> <li>• Multiply by 10, 100 and 1,000</li> <li>• Divide by 10, 100 and 1,000</li> <li>• Multiply decimals by integers</li> </ul> <p>Divide decimals by integers</p>	
	<p><b>Key Vocabulary:</b> fraction, integer, numerator, denominator, whole, divide, miles, kilometres, imperial, metric, calculate, accurate, formula(e), multiplication, ratio, proportion, groups, sharing, values, scale, scale factor, sequence, equation, expression, substitution, relative, variables, decimal, tenths, hundredths, thousandths.</p>		
<p><b>Science</b></p>	<p><b>Evolution and Inheritance - the survival game</b> the children will learn how things have changed over time and revisiting their knowledge that fossils provide information about living things that inhabited the Earth millions of years ago. They will exploring how living things produce offspring of the same kind, but not identical to their parents; considering the traits that we, and other animals, inherit from our parents and how we also vary from our parents. They will consider how inheritance over several generations leads to natural selection of advantageous characteristics and evolution of a species, with a focus on the whale. The theories and work of scientists such as Charles Darwin and Mary Anning will be considered also.</p>		
<p><b>Geography</b></p>	<p><b>Liverpool:</b> using maps and Google Earth, the children will study the location and features of Liverpool (including the history) and its link to Skipton through the Leeds and Liverpool canal. The children will learn to use six figure grid references to pinpoint locations in Liverpool on OS maps.</p>		
<p><b>History</b></p>	<p><b>The Beatles:</b> developing a timeline, the children will identify key events from the life of John Lennon. In addition to this, they will use historical sources, including video clips, to study what life was like for him growing up in Liverpool and being in The Beatles.</p>		

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	<p><b>Key Vocabulary:</b> John Lennon, The Beatles, 1940s, 1950s, 1960s, culture, social change, source material, Liverpool, music, artwork, phenomena, Beatlemania, fashion, taste, trends, legacy, Skiffle.</p>
Computing and DT	<p><b>Variables in games:</b> This unit explores the concept of variables in programming through games in Scratch. Children will first learn what variables are and relate them to real-world examples of values that can be set and changed. Then they use variables to create a simulation of a scoreboard. The children will then learn to apply their knowledge of variables and skills through modification of existing games, before designing and coding their own game. They will test each other's games, debug and improve.</p>
	<p><b>Key Vocabulary:</b> variable, change, name, value, set, design, event, algorithm, code, task, artwork, program, project, code, test, debug, improve, evaluate, share, assign, declare.</p>
Art	<p><b>The Beatles:</b> The children will be studying the artwork around the animated film 'Yellow Submarine'. They will create their own imaginary world using the medium of paint.</p>
	<p><b>Key Vocabulary:</b> The Beatles, Yellow Submarine, animation, designers, film, fantasy art, sketching, design, draw, composition, colour, painting techniques, evaluate.</p>
Music	<p>In music this half term, the children will continue to learn either the trumpet or trombone; this is taught by a peripatetic teacher from North Yorkshire's Wider Opportunities. We will also look at some of the music produced by the Beatles, with a focus on 'Yellow Submarine'.</p>
	<p><b>Key Vocabulary:</b> crotchet, minim, quaver, semi-quaver, mouthpiece, sustain, aperture, melody, tune, valves, orchestra, music, score, time, key.</p>
P.E.	<p>PE lessons this half term will be focussed on Gymnastics and Tag Rugby. The children will also take part in Touch Rugby at Sandylands on 2<sup>nd</sup> February.</p>
	<p><b>Key Vocabulary:</b> routine, perform, balance, flexibility, sequence, apparatus, floor, skills, actions, control, balance, square pass, straight pass, direction, defender, attacker, position, interception, score.</p>
R.E.	<p><b>Creation and Science:</b> beginning with a study of the first few chapters of Genesis, the children will look at different Christian interpretations of what the Bible says about how the world was made and whether they complement or contradict scientific understanding of how the world and life came into existence.</p>
	<p><b>Key Vocabulary:</b> contemporary, controversy, debate, existence, creation, scientific, account, historical, source, interpretation, complement, contradict.</p>
French	<p>Our topic this term is 'Le carnaval des animaux' (Carnival of the animals) In this unit, the children will: listen to a piece of music by a French composer; learn new animal names; learn about animal habitats; design a poster in French; read information texts, an email and a poster about a carnival; learn about animal noises in other cultures.</p>
	<p><b>Key Vocabulary:</b> C'est quel animal? C'est le/la... .. C'est qui? une tortue, une poule, un oiseau, un âne, un éléphant, un lion, un coucou, un poisson, un coq, un kangourou, un cygnet, Qui habite ici? Qui habite dans la forêt? Où habite le lion? Quel animal habite dans la savane? Le lion habite dans la savane. à la ferme, dans la mer, Marche comme... D'accord ou pas d'accord? Rapide, lent(e), féroce, dangereux/dangereuse, fort(e), timide</p>
P.S.H.E.	<p>The children will learn about the importance of being smart with money. Year 6 will also build skills for the future, such as teamworking, problem solving, leadership, money management and creativity. This will support our fundraising for a trip to Liverpool. We will also be looking at 'Me and My Relationships' and understanding the importance of what it means to stand up and say 'No!', appropriate relationships and how to be an upstander, not a bystander.</p>
	<p><b>Key Vocabulary:</b> collaboration, negotiation, balanced friendship, sensitive, assertiveness, assertive, marriage, appropriate, teamwork, compromise, respectful,</p>

	thoughtful, resolution, peer pressure, civil partnership, inappropriate, response, forced marriage, illegal, religion, culture, bullied, passive.
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