

Medium Term Planning Grid and Theme Overview For Eagles Class ~ Year 5 ~ Autumn Term 2017

Science		Art & Design	
<ul style="list-style-type: none"> We will learn about our solar system; covering the way the planets orbit the Sun, the spherical shape of the Sun, Earth and Moon, the passing of night and day and the apparent movement of the Sun across the sky. We shall develop our understanding of our solar system as well as space travel and exploration We shall develop our use of scientific investigation skills, measuring with precision and repeating readings to increase accuracy, record data and results using scientific diagrams, tables and graphs. We will develop our skills for reporting and presenting findings, including conclusions and explanations, in oral and written forms 		<p>We will be covering a range of skills:</p> <ul style="list-style-type: none"> use weaving skills to create items of jewelry (linked to friendship) to know how to effectively use painting techniques to interpret pieces of music in order to produce artwork to reflect our thoughts and feelings <p>Design and Technology: (linked to Science/Computing)</p> <ul style="list-style-type: none"> We will use research and develop design criteria to create vehicles, fit for a specific purpose, aimed at a particular audience. We will use annotated sketches to support the development of our designs and evaluate our ideas throughout the design process to make any necessary improvements. 	
English: Spoken, Reading, Writing, Spelling		THEME:	Mathematics
<p>Narrative: In terms of fiction, we will explore features of Science-fiction narrative, developing a deeper understanding of elements which help to create a Science-fiction text, considering time-travel, extra-terrestrials, how scientific concepts influence the plot, making key inferences linked to evidence in the text.</p> <p>Non-Fiction: We will explore the purpose of recounts in relation to journalistic style writing – for example through magazine articles. We shall consider the context of the recount, the audience it is aimed at and the style in which it is written.</p> <p>Spelling, Punctuation and Grammar: We will learn a range of skills to help us distinguish the correct spelling patterns for words and to question whether we think a word is spelt correctly. We will learn to understand how punctuation is used effectively within pieces of writing and the effect this can have on the overall text. We shall also consider the correct use of grammar when forming sentences (both written and spoken)</p>		<p>Earth & Space</p> <p>What do we know about our own culture?</p> <p>No. of weeks: 7</p> <p>SPECIAL EVENTS Meet & Greet Life Education Bus Parents' Evenings Basketball Roadshow</p> <p>(Residential week 2nd week of Aut 2)</p>	<p>Place Value:</p> <ul style="list-style-type: none"> We will learn to understand place value in whole numbers and decimals to apply to skills of ordering, positioning and rounding. We will learn to read, write, order and compare numbers up to 1 000 000 and determine the value of each digit use negative numbers in context, and calculate intervals across zero solve number problems and practical problems We will continue to work on rounding numbers to the nearest 10, up to 1 000 000 We will consolidate written and mental methods for addition, subtraction, before applying these to word problems and use of inverse operations.

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Geography		History	RE
<ul style="list-style-type: none"> We will learn to use maps, atlases, globes and digital/computer mapping to locate countries. We will learn about the lines of latitude and longitude and how these are used. We shall find different countries and develop our understanding of their environmental regions and key physical and human characteristics. 		<p>We will study how space has influenced humans and develop our skills of historical research and interpretation of sources and events.</p>	<ul style="list-style-type: none"> We will learn about the reasons why people do, or do not, believe in God. We will investigate how God can make a difference in people's lives, and the possible benefits or challenges of believing or not believing in God
Languages	PE	Music	Computing
<ul style="list-style-type: none"> We will learn to speak in sentences, using familiar vocabulary and phrases to engage in conversations, ask and answer questions and express opinions. We will also learn to apply new vocabulary in conversations with others towards the aim of performing a simple script to the class. 	<p>Gymnastics / Running / Swimming</p> <ul style="list-style-type: none"> We will learn to develop our skills of running through enhancing technique and building stamina through perseverance We will develop flexibility, strength, technique, control and balance. We will compare and assess our performances with previous ones and demonstrate improvement to achieve our personal best. We will learn to develop our swimming skills to enable us to swim competently, confidently and proficiently over a distance of at least 25m, and further. <p>Outdoor PE requires PE shoes which are supportive of children's feet such as trainers and NOT regular outdoor shoes, or indoor plimsoles.</p> <p>Earrings, and other jewelry, must be removed for all PE lessons.</p>	<p>We will learn to listen to music with focus in order to analyse musical composition and the effects and the use of musical dimensions.</p> <ul style="list-style-type: none"> We will learn to understand the term dynamics and be able to develop this in songs. Develop understanding of staff notation and performance using texture and rhythm. Perform songs with expression and attention to tone and phrasing Create and present a performance of song, music and poetry 	<ul style="list-style-type: none"> We will explore E safety issues as part of learning to use the internet safely, including respectful and responsible use of the web. We will discuss a range of ways to report concerns and inappropriate behaviour. We will develop our understanding of how to use search engines effectively, appreciating how results are selected and ranked, and be discerning in evaluating digital content.