

**Medium Term Planning Grid
and Theme Overview
Eagles (Year 5) ~ Spring Term (1) 2017**

Science		Art & Design	
<ul style="list-style-type: none"> We will learn about the states of matter - Solid, Liquid and Gas and how these are formed, how they change from one to another and what happens at a molecular level. We shall develop our use of scientific investigation skills, to find out about dissolving, filtering, sieving and separating mixtures 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"> painting techniques linked to the story of the Willow Pattern to know how to effectively use painting techniques <p>Design and Technology: (linked to Science/Computing)</p> <ul style="list-style-type: none"> We will use research and develop design criteria to evaluate existing products - these will link to our understanding of separating mixtures. We will use annotated sketches to support the development of our evaluation of designs as well as any necessary improvements we can find or recommend. 	
English: Spoken, Reading, Writing, Spelling	THEME: Land of the Red Dragon What does it mean to be different?		Mathematics
<p>Narrative: In terms of fiction, we will explore features of narrative, developing a deeper understanding of elements which help to create a narrative text, considering the Chinese cultural influence which can be included in the plot, making key inferences linked to evidence in the text.</p> <p>Non-Fiction: We will explore journalistic writing and how this is used in the publication of newspapers. We will use our understanding to create newspaper articles related to our topic - China.</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>No. of weeks: 6</p> <p>SPECIAL EVENTS Maths Parent Morning Confucius Institute Visit Parent's Evening Spelling, Punctuation and Grammar Parent Morning Local MP visit</p>		<ul style="list-style-type: none"> We will learn to understand how to compare different fractional amounts and put fractions in order We will develop our understanding of equivalent fractions and how these are created. We will develop our understanding of improper fractions and mixed numbers We will learn how to use add and subtract fractions, using knowledge of equivalent fractions to support this learning. We will develop our understanding of how to multiply proper fractions and mixed numbers by whole numbers - using materials and diagrams to support our thinking We will learn how decimal numbers and fractions are related and be able to read and write decimals as fractions We will learn to use our knowledge of fractions to solve mathematical problems

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Geography		History		RE			
<ul style="list-style-type: none"> We will learn to use maps, atlases, globes and to locate countries. We will learn about the physical and human geography of China, about the climate zones which exist across the country. 		<p>We will learn about the ancient Chinese culture and study how these have influenced the world today.</p>		<p>We will learn about how Jesus' teachings inspire Christians and the impact they would have in the world today. We will explore the concepts of Love, Forgiveness, Justice & Fairness and Generosity & not being greedy and reflect on whether people can live by the values Jesus taught in the twenty-first century.</p>			
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 		<p><i>Gymnastics / SAQ</i></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. <p>Outdoor PE requires PE shoes which are supportive of children's feet such as trainers and <u>NOT</u> regular outdoor shoes, or indoor plimsoles.</p> <p>Earrings, and other jewelry, must be removed for <u>all</u> PE lessons.</p>		<ul style="list-style-type: none"> We will explore music from other countries and gain an understanding of how and why these have influenced other music. We will learn about the pentatonic scale, using this to compose our own pieces of music We will use graphic notation to create and record compositions to be played, evaluated and improved. 		<ul style="list-style-type: none"> We will develop our understanding of how to use search engines effectively, and how networks are created. We will gain an understanding of what a network is and how these are used. We will develop our understanding of how to collect, analyse and present data effectively and efficiently. 	