

## Y4 Main Areas of Learning: Spring Term 2012

English	Mathematics
<p><b>Poetry</b> <u>Creating Images</u> Children use poems by Christina Rossetti to appreciate how writers use figurative and expressive language to create images and atmosphere. <u>Exploring Form</u> This unit looks at the structure of Couplets, Clerihews and Kennings.</p> <p><b>Narrative</b> <u>Stories Set in Imaginary Worlds</u> Using first images and then descriptive language the children create their own fantasy world and write about their journey and adventures. <u>Stories from Other Cultures</u> The children have the opportunity to explore a range of stories and writers from a different country.</p> <p><b>Non Fiction</b> <u>Information Texts</u> A unit that revises the features of information texts, using the index and contents of books.</p> <p><b>Grammar, Punctuation and Vocabulary</b> Underpinning all of the above study.</p> <p><b>Spelling</b> General words and rules – weekly test.</p>	<p><u>Counting, Partitioning and Calculating</u></p> <ul style="list-style-type: none"> <li>• Add or subtract mentally pairs of two digit whole numbers.</li> <li>• Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs and multiples of 10, 100 or 1000.</li> </ul> <p><u>Understanding Shape</u></p> <ul style="list-style-type: none"> <li>• Rehearse drawing polygons and classify them by identifying their properties, including their line of symmetry.</li> <li>• Revision of 3D shapes and nets</li> <li>• Introduce term polyhedron and tetrahedron.</li> <li>• Compass directions/ angles.</li> </ul> <p><u>Handling data</u></p> <ul style="list-style-type: none"> <li>• Answer a question by identifying what data to collect; organise, present, analyse and interpret the data in tables, diagrams, tally charts, pictograms and bar charts.</li> </ul> <p><u>Measure</u></p> <ul style="list-style-type: none"> <li>• Area and perimeter.</li> <li>• Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity. Use decimal notation to record measurements (e.g. 1.3m or 0.6kg).</li> </ul> <p><u>Securing Number Facts and Relationships</u></p> <ul style="list-style-type: none"> <li>• Multiply and divide a number up to 1000 by 10 and 100</li> <li>• Derive and recall multiplication and division facts up to 12 x 12.</li> <li>• Fractions.</li> </ul> <p><u>Mental Arithmetic</u> – weekly test</p>
Topic	Science
<p><u>Britain and British Culture</u> This unit looks at the countries that make up the UK, its capital cities, mountains and rivers. Children are introduced to the monarchy and the government and how it works. Children will research an area of the topic which interests them.</p> <p><u>The Rainforest</u> This unit locates where rainforests are in the world, the different types, and the animals and plants found there. Studies will include discovering what products we get from the rainforests, what 'fairtrade' is and the effect of deforestation.</p>	<p><u>Keeping Warm</u> In this unit the children build on their ideas about temperature as a measure of how hot and cold objects are and learn about thermal insulators as materials which can help to keep things warm or cool.</p> <p><u>Separating solids and liquids</u> Children reinforce their understanding of solids and liquids and states of matter. They find out how solids and liquids can be separated when they become mixed and explore reversible changes. The children create their own sorting machines and learn how to filter a solution.</p>

If you require any further information please contact your daughter's class teacher.

