

## 9 Spring Term Curriculum Overview

This term pupils will be studying the following topics in their KS3 curriculum.

| <b>Subject</b> | <b>Topic</b>  |
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| Literacy       | This term the class is working on poetry. They will be studying various poems and will be creating their own using various techniques.  |
| Numeracy       | Measure-Spring Term.<br>Measure, compare, add and subtract: lengths (m/cm/mm): mass (kg/g): Volume/capacity (l/ml). Perimeter and area.   |
| Computing      | This term the class will focus on <b>Data Representation</b> . They will learn that computers can only process data in the form of Binary Numbers. All students will learn to read and convert Binary numbers. Other areas covered in this topic will also include Databases, and Data Measurement.<br><br>Later in the term the class will focus on <b>Information Technology</b> . They will learn how to use Microsoft Office programs to create, store and retrieve digital documents.  |
| Science        | This term Key stage 3 pupils will learn about materials and their uses. They will do the following topics: <ul style="list-style-type: none"> <li>• Safety materials at home and safety symbols.</li> <li>• Classifying materials sorting materials into groups</li> <li>• Building materials and their uses.</li> <li>• Conducting materials – heat and electrical conductors and insulators.</li> <li>• Change of state of in solids, liquids and gases</li> <li>• Dissolving materials and types of solutions.</li> <li>• Nature and uses of Acids and Alkalis in daily life.</li> <li>• Recycling materials and the benefits of recycling.</li> </ul> Pupils can visit websites like <a href="http://www.educationcity.com">www.educationcity.com</a> , and <a href="http://BBCbitesize.co.uk/science">BBCbitesize.co.uk/science</a> to support their learning. |
| Humanities     | We will be studying the Continents on Earth. The pupils will learn to identify the 7 continents, where they are and the some of the countries on them. They will make a 'World Traveller' passport to track where they have studied and to link to where they are in the world. They will look at the geography, history and culture of key countries that have significance for them.  |
| Food Tech      | This term we are developing nutritional knowledge and food preparation skills. In the first half of this term we will be studying different diets (Vegetarian, low fat and dairy free) and preparing different dishes to meet these dietary requirements. In the second half of this term we will be  |

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|       | improving baking skills by preparing different recipes for 'The cake shop'.  |
| Craft | Students will be designing and making small models of different 3D items such as kites in order to use and understand how to manipulate a wider number of materials (e.g. plastic, paper, metal and wood). Objectives will continue to focus on team work, fine motor skills and communication. Students will also be encouraged to play a greater role in documenting their own work by taking pictures and assessing themselves by comparing their work to an example, developing confidence and independence. |
| PSHE  | <p><b>Road safety</b><br/>Students will continue on Road safety topic concentrating this term on safety on bike.</p> <p><b>Rights and responsibilities</b><br/>Students will learn about human rights but also about responsibilities coming with them. Students will analyse and compare children rights in the UK and other countries e.g. India. All students will be involved in class discussion about needs and wants as well as introduced to concept of equality.</p>                                    |
| Art   | Students will be introduced to a variety of artists who create sculptures about <b>Architecture Habitat and Structures</b> . We will explore drawing structures, using pencils, wax crayons and poster paints. We will experiment and develop art skills using mixed media and create individual and group 3 dimensional cardboard models  |
| Music | Students will develop skills in playing ukulele, and 6 string guitar, developing an understanding of how to read tablature (TAB) and also how to read and play chords from chord boxes. Students will work on developing ensemble skills playing as a whole class using different instruments, including iPad and voice.   |
| PE    | <p>The pupils will be refining the gymnastic skills they worked on last year, throughout the term, focusing on the 6 elements of balancing, rolling, travelling, flight, jumping and climbing.</p> <p>They will put these into a short sequence which they will display to their peer group.</p> <p>They develop their use of positive language to critique the performance of others.</p> <p>In addition pupils will experience and take part in rebound therapy too.</p>                                       |

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|      | <p>Pupils will also take part in health related exercise and continue to learn about basic physiological functions of the body.</p> <p>Swimming:<br/>The pupils will continue with their programme of swimming as last term.</p>  |
| Yoga | <p>This term, we will be developing Mindfulness techniques through the MindUP scheme of work. We will be 'sharpening our senses' through a range of differentiated activities, including: mindful listening, mindful seeing, mindful smelling, mindful tasting and mindful movements. Through these activities, we will use sensory experiences to improve our attention, memory, problem solving, creativity and physical performance.</p> <p>We will continue to develop our core strength, balance and flexibility through different sequences of asanas (poses). Each lesson will incorporate different breathing techniques to strengthen, energise and calm the nervous system. We will be working towards increasing the amount of relaxation at the end of each lesson.</p> |