

7S Spring Term 2018 Curriculum Overview

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

Subject	Topic
Literacy	<p>To read a range of words and identify initial and final sounds in unfamiliar words. To extend their reading skills using, appropriate reading schemes. To name author and illustrator reading from left to right. To be able to answer basic questions about a story or writing activity. To improve their handwriting or word processing skills. To communicate to the listener so they can understand at least 20 words. To learn to use 'Spell check' and open and save work on a laptop. To begin to make their own power-point presentations. To assess and self-correct their own written work. To read unfamiliar texts accurately. To read independently and comment or express an opinion about events and actions in which the text is written or presented. To achieve fluent reading using appropriate voice levels and speech. To express major events or ideas in a story, poem, play or non-fiction. To write a book review including main characters. To use grammar and punctuation correctly. To learn 10 spellings a week.</p> <p>Topic: "Coraline" by Neil Gaiman.</p>
Numeracy	<p>Number and the number system: Counting in steps.0-5. 0-10. 0-20. 20-100. and back. Odd and even numbers. Counting, recognising, reading and writing numbers 0-5 0-10 0-20. 20-100 and beyond. Properties of numbers and number sequences. Place value and words related. Units, Tens, hundreds. First, second, third... Calculations: Understanding addition, Understanding subtraction. Rapid recall of addition and subtraction facts. Mental calculation strategies (+ and-). Understand multiplication and learn 2, 5 and 10 x tables. (More if possible). Beginning to understand division. To learn to multiply two and three digit numbers.</p> <p>Measure-Spring Term.</p> <p>Measure, compare, add and subtract: lengths (m/cm/mm): mass (kg/g): Volume/capacity (l/ml). Perimeter and area.</p>
Computing	<p>This term the group will learn about Sequences and Algorithms. They will explore this subject by programming apps and robots. They will develop and record a sequence of instructions as an algorithm and debug faulty programming.</p>

	<p>Later in the term students will focus on Information Technology and learn how to retrieve and organize digital content.</p>
Science	<p>This term pupils will learn about materials and their uses. They will do the following topics:</p> <ul style="list-style-type: none"> • Safety materials at home and safety symbols. • Classifying materials sorting materials into groups • Building materials and their uses. • Conducting materials – heat and electrical conductors and insulators. • Change of state of in solids, liquids and gases • Dissolving materials and types of solutions. • Nature and uses of Acids and alkalis in daily life. • Recycling materials and the benefits of recycling. <p>Pupils can visit websites like www.educationcity.com, and BBCbitesize.co.uk/science to support their learning.</p>
Humanities	<p>During the first half term we will be focussing on Rivers: river erosion, transportation, deposition and the landforms they create and flooding and mitigation in the UK. The second half term will be focusing on weather; recognising different types of weather and UK weather hazards including storms, flooding and heat waves.</p>
Food Tech	<p>In the first half of this term we will study cooking traditions and make different dishes in the topic <i>Cooking for Celebrations. For example Chinese New Year and the Hindu Spring Festival.</i> In the 2nd half term pupils will develop their knowledge of seasonal foods and continue working on their basic cooking skills through the topic <i>Using the hob: Winter warmers.</i> Practical sessions will include Stir fry, Burfi, soup and couscous.</p>
Craft	<p>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</p>

	documenting their own work by taking pictures and assessing themselves by comparing their work to an example, developing confidence and independence.
Music	Students will be exploring how to make and play their own melodies (tunes) and other well know songs, through voice work, playing ukulele, keyboards and using iPads. Following on from last term with a focus on Pitch, Pulse and Rhythm students will begin to develop their improvising skills and learn how to apply these musical elements when playing a solo as part of an ensemble.
PSHE	<p>This term pupils will continue developing their self – confidence, understanding their responsibilities and making the most of their abilities by learning new life skills.</p> <p>Healthy and safer lifestyle - Personal Hygiene. Students will be learning about importance of personal hygiene, different equipment allowing us to stay clean and healthy. Some lessons will also include elements of SRE.</p> <p>Friendship fortnight – all students will be working on understanding and strengthening the value of true friendship. Students will be discussing about the qualities we need to be a fantastic friend.</p>
Art	We will be looking at photographs and focussing on self-portraits. Pupils will be encouraged to practise writing their names and trying out different writing styles, creating patterns and adding hobbies and interests. Exploring facial features and expressions. Looking at how to sketch face shapes adding shading to create light and shadow. Experiment with colours, pastels and mixing poster paints sharing their ideas about how we see ourselves. Create a self-portrait selecting favourite art materials.
PE	<p>The pupils will be learning gymnastic skills, throughout the term, focusing on the 6 elements of balancing, rolling, travelling, flight, jumping and climbing. They will learn to put these into a short sequence which they will display to their peer group.</p> <p>They will learn to use positive language to critique the performance of others.</p> <p>In addition pupils will experience and take part in rebound therapy too.</p>

	<p>Pupils also take part in health related exercise and learn about basic physiological functions of the body.</p> <p>Swimming:</p> <p>The pupils will continue with their programme of swimming as last term.</p>
<p>Social Communication</p>	<p>Through this unit pupils will:</p> <ul style="list-style-type: none"> • Consolidate their understanding of good manners and why they are important. • Continue to practice a range of good manners. <p>Practice using good manners in the community.</p>