

7L Spring Term Curriculum Overview

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

Subject	Topic
Literacy	This term we will be studying <i>Coraline</i> - a novel. Exploring plot, characters and events in the novel. Lots of opportunities for creativity within reading and writing tasks.
Numeracy	We continue with number focusing on multiplication and some division. We will also be exploring measurement of liquids using ml and l. After half term we will begin to focus on money.
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	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.
Food Tech	In the first half of this term we will study cooking traditions and make different dishes in the topic <i>Cooking for Celebrations</i> . For example <i>Chinese New Year</i> and the <i>Hindu Spring Festival</i> . In the 2 nd 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</i>

	<i>warmers</i> . Practical sessions will include Stir fry, Burfi, soup and couscous.
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	This term pupils will continue developing their self – confidence, understanding their responsibilities and making the most of their abilities by learning new life skills. 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. 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.
Art	Students will be introduced to a variety of artists who create sculptures about Architecture Habitat and Structures . 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 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.
PE	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. They will learn to use positive language to critique the performance of others. In addition pupils will experience and take part in rebound therapy too. Pupils also take part in health related exercise and learn about basic physiological functions of the body.

	<p>Swimming: 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>