

# 10L Spring Term Curriculum Overview

This term pupils will be studying the following topics in their KS4 curriculum.

<b>Subject</b>	<b>Topic</b>
Literacy	<p>This term in literacy will be focused on how pupils can make relationships through initiating conversations, explaining one's self and taking steps to reduce conflict.</p> <p>To gain self Confidence, focusing on the children being confident in their speech and being positive about themselves and also learning to respect themselves and others.</p> <p>Understanding humor, watching examples online, responding to instructions and following stories. This will be achieved through a variety of role plays, communication sessions and topic work.</p>
Numeracy	<p>To continue to prepare students for functional maths. Revising all areas of number.</p> <p>Main focus this term is 'Measure'. Recognising and using standard and non-standard measures. Convert between units of measure. For example Kilometre to metres. Measure and calculate perimeters and areas. Add and subtract: lengths (m/cm/mm): mass (kg/g). Volume and capacity (l/ml).</p> <p>To use 'Mathletics', which is suitable for homework and any extension work at home. This programme is certificated.</p>
Computing	<p>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.</p> <p>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.</p>
Science	<p>During this Spring term 10L will learn materials and investigate the nature and uses of everyday materials. Pupils will study the following topics.</p> <ul style="list-style-type: none"> <li>• Floating materials – to learn about floating materials and their uses.</li> <li>• Magnetic materials- to learn about nature and uses of magnets.</li> <li>• Insulating materials- to learn about the benefits of home insulation</li> <li>• Conducting materials- to know that materials can conduct heat and electricity and their uses.</li> <li>• The structure of the earth and Earth materials – to learn about the structure of the earth and the 3 main</li> </ul>

	<p>types of rocks (sedimentary, metamorphic and igneous rocks) and their uses in daily life.</p> <ul style="list-style-type: none"> <li>• Recycling materials – to learn about things that we can recycle and why it is important for us to recycle materials at home.</li> </ul> <p>Pupils can visit website <a href="http://www.BBC.com/Bitesize/Science/chemistry">http:// www.BBC Bitesize/ Science/ chemistry</a> to support their learning at home,</p>
Humanities	In the first half term we will be learning about River landforms; valleys and hills, waterfalls, mouth and meanders. In the second half term we will be learning to recognise weather types and how to dress appropriately.
Food Tech	This term 10L will be working on a food design project, creating their own class cook book. They will develop their cooking and publishing skills by making and photographing their choice of recipes, which will be compiled in to their 'favourites' cook book.
PSHE	The theme is 'Self Care'. We will be looking at the ways we look after ourselves physically and emotionally for wellbeing. The pupils will be using activities from the 'MindUp' scheme of work to link with program used in Yoga classes, particularly the sensory sharpening. They will be exploring how they can recognise their emotional states and how they can regulate them for optimal learning.
Art	The theme for this term is Myself. 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.
Music	Students will work on developing ensemble skills, through singing and playing arrangements of familiar songs using a mix of instruments including; ukulele, iPads, drums. Students will also use music software Garageband and Ableton Live exploring ways to trigger audio samples and loops.
Drama	Students will look at movement and stillness. They will play games that explore lots of movement and being still. They will look at statue, freeze frame and tableaux work. They will also be listening to and exploring different stories with movement and stillness incorporated.
PE	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>They will put these into a short sequence which they will display to their peer group.</p> <p>They will continue to develop their use of positive language to critique the performance of others. In addition pupils will experience and take part in rebound therapy too.</p> <p>Pupils will also take part in health related exercise and continue to learn about basic physiological functions of the body.</p> <p>Swimming: The pupils will continue with their programme of swimming as last term.</p>
Play Skills	This term students will explore play.as a means of social interaction, creative thinking and how play helps them to make sense of the world around us all.
Social Communication	The theme of this term is how to use the Emergency services. Pupils will be encouraged to practice how to Ring 999. Pupils will learn about which situations to call for the police, an ambulance or the fire service.
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>
Lego Therapy	<p>Students to be able to work using LEGO in small groups, pairs or individually doing nice sharing, getting to participate in a range of games/work and to talk about how they have sorted different objects by shape, colour and size using good manners.</p> <p>Students also to be able to find specific pieces that match a picture and finally make a building/tower.</p>

Enterprise	Students will explore the concept of making things for others and quality control by making sensory toys for teachers to buy and use as a tool to help other students in school. They will gain a better understanding of making items to a specific standard and be able to compare their work to an example piece. They will also begin to consider the needs of others and think about how they can be helpful members of a community. We will also focus on fine motor skills and following instructions more independently.
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