

## 7-8L Summer Term 2017 Curriculum Overview

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

<b>Subject</b>	<b>Topic</b>
Literacy	<p>Poetry- Grace Nichols- poetic devices-exploring the use of imagery, alliteration and repetition. Studying- four poems by Grace Nichols and writing own poems.</p> <p>The island- themed scheme of work including some scenes from Shakespeare The Tempest and Treasure Island. Poetry and writing stories.</p>
Numeracy	<p>Number- addition, subtraction, timetables and division.</p> <p>Time- 6 weeks.</p> <p>Money- 6 weeks.</p>
ICT	<p>Students will learn how to retrieve, evaluate and organize digital content using a variety of software applications.</p> <p>In the second half of the term students will study Hardware and Processing and come to understand how a range of digital devices can be considered a computer. In addition students will learn about different types of Computer Systems.</p>
Science	<p>This term Year 7 will be learning about LIGHT and SOUND. They will do the following topics:</p> <p>LIGHT: Nature and properties of light (reflection, refraction and diffraction), and the electromagnetic spectrum. <i>The human eye</i> - how we see objects, the role of lens and comparison of camera vs eye. Common eye defects. Uses of light e.g. laser beams, photosynthesis. <i>Seasonal changes</i> – nature and cause due to movement of the earth around the earth on its tilted axis. <i>Mirrors</i> - types of mirrors (plane, concave and convex), and uses including periscopes, solar mirrors. <i>Our solar system</i> and rotation and revolution of the earth.</p> <p>SOUND: Nature of sound (amplitude, wavelength, pitch, frequency,). <i>Properties of sound</i> - reflection - echo). How to measure the speed of sound. Differences between sound and light waves, and that light travels faster than sound. <i>Uses of sound</i> e.g. echo location, mosquito device and use of <i>ultra sound</i> in hospital scans and industrial cleaning. <i>Sound</i></p>

	<i>pollution</i> - comparing loudness in decibels. Noise and its effects.
Humanities	Throughout the summer term, we will be learning about Ancient Greece. We will be using maps and finding out about daily life, homes and families, battles, buildings, gods and goddesses and the beginnings of the Olympic games. We will be using a timeline to help develop our understanding of the past. We will be looking at the similarities and differences between Greece and the UK and the legacy of ancient Greece in modern day life,
Food Tech	Year 7's will be using the Microwave and Oven to bake a number of cakes and Buns. They will then compare the two and be able to make informed choices when baking. They will also be made to adopt safe practise whilst using kitchen appliances.
Craft	<p>Pupils will be working with cardboard to produce a variety of models or projects over the term. This will include the production of shields, helmets and swords based on an ancient Greek hoplites theme. Pupils will learn to employ templates and nets which can be used as a basis for their designs.</p> <p>Some pupils will continue to use Kapla Bricks to construct towers/ buildings and these temporary constructions will be recorded (photographs).</p> <p>In addition to the above, some pupils will continue to work on individual projects. This may include flying dragons and "Cinco de Mayo" skulls using wire construction techniques.</p>
PSHE	<p><u>Healthy life style</u></p> <p>Pupils will be learning about how to stay healthy through a balanced diet, exercises and getting enough rest and sleep.</p> <p>Students will study food pyramid which represents the optimal number of servings to be eaten each day from each of the basic food groups. Students will express their favourite foods and foods they do not like and then compare their findings to what is healthy and unhealthy. Students will also be learning about the negative effects of extensive hours spent on playing the computer and watching TV.</p>
Art	This term we will be exploring how to create and make picture books, design book covers, create stories and illustrate them. We will be experimenting and developing a variety of art skills including sketching, painting colour theory, collage and mixed

	media. Students will also continue to participate in the ongoing animation project creating story boards, props and characters.
Drama	Folk and fairy tales. Students to act and devise scenes from traditional European and world folk tales. We will look at archetypes in stories and how to portray them, also using paired work to do leader and follower tasks and 'casting spells. We will also look at how to use lighting, sounds and music to help develop our performances.
Music	Songwriting/Film Music: Exploring different ways in how to create a piece of music to accompany a short film, through improvising and composition
PE	<p><u>First-term:</u> The pupils will learn the basic skills and rules of cricket and tennis.</p> <p><u>Second half-term:</u> The group will take part in athletic activities and work towards sports day events.</p>