

## 7S 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>To read a range of words and identify initial and final sounds in unfamiliar words. To learn all the nouns. To extend their reading skills using Read On reading scheme. 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.</p> <p>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.</p> <p>To continue to concentrate on joined up writing, writing with a pen, spellings and sentence structure.</p> <p>Topic: Bill's New Frock by Anne Fine</p>
Numeracy	<p>Number: To 1000 and beyond. Revisit, Place value, adding, subtracting, division, multiplication. First half of Summer Term: Measure length, weight and capacity. Second half of Summer Term. Continue with time. Reading timetables and telling the time using minutes. Right angles and symmetry.</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 <b>LIGHT</b> and <b>SOUND</b>. They will do the following topics:</p> <ul style="list-style-type: none"> <li>• <b>LIGHT</b>: Nature and properties of light (reflection, refraction and diffraction). Colours of visible light. <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.</li> </ul>

	<p><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> <ul style="list-style-type: none"> <li>• <b>SOUND:</b> 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 pollution</i> - comparing loudness in decibels. Noise and its effects.</li> </ul>
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>This term pupils will be developing their crafting skills using cardboard construction techniques to make and use a shadow puppet theatre.</p> <p>The theme for the shadow play will be based on Coraline. The class will be split into two groups. One group will be responsible for the construction of the theatre, the other group will construct characters and props. In addition, some pupils will be working on individual projects which may include Rockets, castles and name plates.</p>
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><b>Developing a healthy, safer lifestyle - Personal Hygiene.</b></p>

	Students will be learning about the importance of personal hygiene and different equipment to keep clean. Lessons would involve: learning the steps of washing hands and the reasons why we have to wash them and learning the correct techniques of brushing teeth. They will also explore topics related to puberty and the changes teenagers go through during this sensitive time.
Art	This term we will be exploring how to 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.
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	Song writing/Film Music: Exploring different ways in how to create a piece of music to accompany a short film, through improvising and composition.
PE	<u>First-term:</u> The pupils will learn the basic skills and rules of cricket and tennis.  <u>Second half-term:</u> The group will take part in athletic activities and work towards sports day events.