

## 8/9 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	The Class conclude will conclude written work around Alice's Adventures in Wonderland; before starting written tasks around Romeo and Juliet. They will continue with graded written comprehensions covering a wide range of literature. They will have intensive practice in phonological skill using Wordshark, Nussy, and the Swap cards.
Numeracy	Initially, pupils will learn how to tell and measure time differences in a variety of contexts: covering units of time, seconds, minutes, hours, days, etc., in abstract and real-life settings. In the latter part of the term pupils will learn about fractions, using addition, subtraction and multiplication and division, also the relationships between equivalent fractions. If time permits this will extend to looking at percentages.
ICT	Students will learn how to retrieve, evaluate and organize digital content using a variety of software applications.  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.
Science	This term Year 8 will be learning about <b>FORCES</b> . They will do the following topics:  <i>Nature of Force</i> - the meaning, direction, types, and unit of force. <i>Balanced and unbalanced forces</i> - moment of force and how to calculate moment of force. <i>Frictional force</i> – advantages and disadvantages of frictional force and how to reduce friction between surfaces. Viscosity- to compare viscosity in liquids. <i>Gravitational force</i> - meaning and the direction of gravitational force. <i>Linear motion</i> - distance, velocity and acceleration. How to work out the speed of a moving object and factors that affect the speed of a moving object. <i>Pressure</i> – pressure on solids and liquids. The effect of area on pressure and that pressure increases with depth. How to work out pressure. <i>Elasticity</i> - Hooke's law (to relationship between force and tension). <i>Levers and pulleys</i> – nature and uses of levers pulleys. <i>Bridges</i> – types of bridges.

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 8's will be learning about the various properties of yeast. They will be baking using yeast in their bread making. We will also explore the difference between Sweet Bread and other savoury variations. All bread making will be done by hand and so learners will become acquainted with the traditional skills of baking.
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><b>Criminal Justice</b></p> <p>Students will explore different aspects of Law and Criminal Justice. Students will develop their understanding of crimes and their seriousness as well as the age of consent, at which a person is considered to be legally competent and permitted to access rights and face responsibilities.</p> <p>Students will learn about the role of the Crown Court and Old Bailey and developing an understanding of punishment and sentences. Students will study different criminal cases and will attempt to compare the justice system in the UK and different countries.</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 the ongoing animation project creating story boards, props and characters.
Drama	Students to work on a production of 'The Iron man' Working together with 8/9 and with music we will produce and perform a piece theatre using live acting, puppetry and music.
Music	Song writing/Chance Methods: Composing and developing pieces of music using chance methods.
PE	<p><u>First-term:</u> The pupils will build on skills and rules previously learnt in 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>