

9 Summer Term 2017 Curriculum Overview

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

Subject	Topic
Literacy	<p><u>This term students will be developing Literacy skills in five individual sessions per week:</u></p> <ul style="list-style-type: none"> •Spelling and phonic skills •Listening and total comprehension •Sentence building and completion •Grammar and punctuation •Reading •Writing and handwriting <p>As a whole class students will read fiction and non-fiction stories, improving their total comprehension skills, listening, story retelling and sentence building skills.</p> <p>We still work on : “The Magic Finger” - by Roald Dahl</p>
Numeracy	<p><u>Numbers</u></p> <ul style="list-style-type: none"> • Recognising, counting reading and writing numbers as letters and numbers • Division and multiplication (high levels) sorting (low levels) Students will be learning about grouping and sharing and some (higher ability) will be asked to respond to oral or written questions related to division. <p>• <u>Shape Space and Measure</u></p> <p>Students will work on measuring length, weight, and capacity. Work will include measuring their heights, leg and arm lengths; weight and comparing capacity of different things. Students will be getting familiar with vocabulary related to length, mass and capacity and learn how to solve real life problems involving measurements in different contexts.</p> <p>Students will be asked to compare their measurements to measurements made this time last year.</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</p>

	students will learn about different types of Computer Systems.
Science	<p>This term Year 8 will be learning about FORCES. They will do the following topics:</p> <p>Nature of Force- the meaning, direction, types, and unit of force. Balanced and unbalanced forces - moment of force and how to calculate moment of force. Frictional force – advantages and disadvantages of frictional force and how to reduce friction between surfaces. Viscosity- to compare viscosity in liquids. Gravitational force - meaning and the direction of gravitational force. The difference between mass and weight. Linear motion - distance, velocity and acceleration. How to work out the speed of a moving object and factors that affect the speed of a moving object.</p> <p>Pressure – pressure on solids and liquids. The effect of area on pressure and that pressure increases with depth. How to work out pressure. Elasticity- Hooke's law (to relationship between force and tension). Levers and pulleys – nature and uses of levers pulleys. Bridges – types of bridges and forces acting on a bridge.</p>
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 9's are going to explore an international topic, they will create a number of Mexican and Turkish dishes. This will enable them to link to previous learning by investigating the difference between flat and risen breads. They will also experience the different types of flavourings used by these two countries.
Craft	<p>Following on from last terms work (castles), pupils will continue to produce knights, dragons to furnish their castles. Other pupils will continue their crafting skills using cardboard and paper mache to produce a mobile which features rockets, planets and stars.</p> <p>Some pupils will work on individual projects which will include simple automata, e.g. Barking dog, flying pig.</p>

PSHE	<p><u>Rights and responsibilities</u></p> <p>Students will learn about human rights and responsibilities concerning them. Students will get familiar with the role of UNICEF and children's rights. Students will analyse and compare children's rights in the UK and less developed countries e.g. India as well as attempt to compare the rights of UK citizens now and in the past.</p>
Art	<p>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, exploring poster and water colour painting colour theory, collage and mixed media.</p>
Drama	<p>Being a Teenager. Students to brainstorm issues that face teenagers. Family life, generation gap, friends and school will all be topics. Students will be shown methods of creating their own characters, scenarios and stories.</p>
Music	<p>Song writing/Film Music: Create a piece of music to accompany a short film, through improvising or composition.</p>
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>