

8 Summer Term 2017 Curriculum Overview

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

| Subject | Topic |
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| Literacy | Private Peaceful. Students to read the book discuss and write about the issues and the stories raised by the book. Targets will to be construct more sentences and use more adjectives and adverbs to enhance and develop their writing. |
| Numeracy | Weights and measuring. Students to look at how to measure length, speed, weight and liquids. We will used rulers, scales and water measuring flasks. Students will record the results and in doing so we will also work on data recording skills, charts, graphs and number skills. |
| 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 FORCES . 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. <i>Viscosity</i> - 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. Levers and pulleys – 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 |

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| | 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 | Pupils will be working on the "Iron Man" theme this term, this will include: <ul style="list-style-type: none"> - Shadow puppet theatre - Three scale models of Iron Man - Iron Man models will include a variety of mechanisms, string puppets, automata and lighting features. In addition, pupils will also be working on individual projects which will employ cardboard or wire as supports for their models. |
| PSHE | <u>Healthy life style</u> Pupils will be learning about how to stay healthy through a balanced diet, exercises and getting enough rest and sleep. 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. |
| 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. |
| 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 | <u>First-term:</u> The pupils will build on skills and rules previously learnt in cricket and tennis. <u>Second half-term:</u> The group will take part in athletic activities and work towards sports day events. |

