

English/ Reading/ Drama

English and Guided Reading

The termly focus in this curriculum area looks closely at the genre of science fiction.

The students will be studying a condensed version of the classic novel, War of the Worlds. The story involves large metal cylinders falling to earth and signaling the beginning of a Martian invasion. The students will record predictions, questions, notes and ideas, whilst studying both adapted and original text extracts.

Students will also look at character descriptions using specific vocabulary and language tools as well as develop evidence of their comprehension.

Drama

Continuing with our sci-fi theme, students will develop their creativity and ways of expression in order to create and act out scenes from the text, freeze frames and soundscapes as well as work in groups to create their own scenes and inventions and explore their creativity and imagination.

Maths

We will begin the year by working on the fundamentals of number and place value. Students will develop a deeper understanding of the value of a digit within a number, the relationship between the different place value columns and how to break large numbers down into smaller chunks (partitioning). After this, we will focus on the four operations, looking at formal (written) and informal (mental) methods of working out calculations involving these. Those who are ready will explore increasingly large numbers and multi-step problems involving these calculations. Here are some examples of the formal written methods*:

$$\begin{array}{r} 38 \\ 93 \\ \hline 131 \end{array} \begin{array}{c} + \\ \\ \end{array} \begin{array}{r} 213 \\ 56 \\ \hline 639 \end{array}$$

$$\begin{array}{r} 263 \\ 8 \\ \hline 2104 \end{array}$$

*This is not an exhaustive list, just some of the methods students who are ready will look at.

Computing and Online Safety

Students will be exploring ways to edit and adapt digital images. Using a variety of programmes students will learn to alter the composition of images as well as retouching and resizing. They will consider the impact that editing images can have and evaluate the effectiveness of their work.

The later half of the term will focus on digital animation. Student's will learn the history of animation and be introduced to the principles of stop motion. Students will then have to opportunity to plan, design and create their own stop motion videos.

Autumn Term 2024

Science

Our first topic is **Evolution and Inheritance**, where students will begin to develop a deeper understanding of how we have changed over time, including how different combinations of DNA leads to variation.

Our second topic is **Light**. During this topic, we will look at how light travels, how that can lead to the creation of shadows and how we see things.

Cooking

Throughout the term, students will prepare and cook a range of recipes. The ability to chop, slice, and grate food safely and effectively is the main focus of this term.

In addition to using skills these skills students will be learning how to use ovens and hobs safely to cook meals as well practice following a recipe that is broken down into steps.

Students will be cooking a range of dishes including, tomato pasta, vegetable stir fry, mashed potatoes and many more.

Art / DT

‘Surrealism to Steampunk’ Learning about ‘movements’ in art: investigating the way artists see the world and influence each other. Our final outcome will be a steampunk sculpture in which we can display an array of new techniques and media learnt in this unit.

After our Health & Safety refresher we will learn how to draw 3D shapes, design using CAD and make frame structures. After using basic tools safely we will progress onto simple workshop machines. Our challenge is to design and make a frame-based decoration for the MGC Illuminations.

The World Around Us

Students are studying a scheme of work titled ‘A century of Change’ which links to our SCI-FI English topic.

Students will be investigating and researching Inventors of the 20th Century.

Students will discover how past inventions have impacted our current lives.

Autumn Term 2024

QUEST

During half term 1, students who have weekly QUEST sessions will be visiting various local recreational areas and National Trust properties with a focus on social etiquette.

In the second half term, we will be developing students’ personal responsibility for money. Students will complete challenges such as ‘shopping’ for their cooking lesson ingredients on a budget, finding various items and seeking help/alternative products.

Duke of Edinburgh’s Award

Year 9 students taking part in DoFE will take part in weekly sessions designed to support them towards achieving their Bronze Award.

This term’s focus will help guide students towards their skills and volunteering responsibilities and requirements.

PE

This term we will learn through adapted , Invasion Games such as Handball, Netball, Basketball, Football, Touch-Rugby. We will learn the principles of attack and defence, as well as developing sending, receiving, and shooting skills.

PSHE

The focus of the term is managing feelings and self-awareness. Students will examine how to recognise and handle a range of emotions as well as consider their own abilities and talents. Along with identifying and highlighting the abilities and qualities of others and discussing the best ways to acknowledge and express these, students will talk about strategies for managing their own emotions. Different learning styles will be covered, along with how to identify what suits an individual student best.