

Year 8

Summer Second Half-Term

Maths

This term we will be recapping and consolidating previous learning on algebraic expressions, fractions and circles. Students will be able to manipulate algebraic expressions and identify equivalent expressions. Students will become fluent in performing all four operations on fractions and mixed numbers. Students will finish the term studying circle. They will be able to label and define its parts and use this knowledge to calculate circumferences and areas. They will also be able to work backwards to find missing radii and diameters.

English

Pupils will explore the fiction text *Holes*. Pupils will focus on identifying adjectives and powerful verbs. Pupils will analyse the use of language to describe the setting and characters throughout the text. Pupils will create a range of fiction and non-fiction texts such as articles and diary entries using empathy and emotive language. Pupils will use PEE paragraphs to discuss the themes of within the text, identifying language techniques to explain the effect on the reader. When writing use a variety of sentence lengths and connectives for clarity and effect.

Science

Students shall state the main features involved in natural selection and also recap on how to construct and interpret food webs as well as evaluate abiotic and biotic factors that affect ecosystems including the water cycle and population growth. Students will also have the opportunity to recall the greenhouse gases and their effect on global climate change.

Students will analyse distance-time graphs and explain stopping distance, reaction time and braking distance.

Art

Students will investigate the pioneering technique of photography, Cyanotype photography. They will produce a series of images using the technique though developing their own images.

Humanities

Pupils will look at what tourism is, exploring people's reasons for visiting particular places. Pupils will begin to analyze the impact tourism has on the country being visited and how this effects the economy and natural resources.

PSHE

Living in the wider world - Digital literacy - Online safety, digital literacy, media reliability, and gambling hooks about online communication how to use social networking sites safely.

PE

Football - Students will be able to demonstrate a variety of passes. They will learn how to make a safe tackle without slide tackling. We will be working on the development of foot speed and agility.

Work Skills

Self-management at work Outline reasons for self-management in the workplace, Identify areas which need time management in the workplace, Explain reasons for taking breaks during the working day.

Music

THE FINAL PROJECT aims Demonstrate personal strengths in music production and performing and to use the knowledge, understanding and skills developed in previous units. This project will engage and inspire pupils to develop a love of music and their talent as musicians, and so increase their self-confidence, creativity and sense of achievement. (UNIT 5).

Catering

Pupils will demonstrate their food hygiene skills and understanding of dietary requirements and create a menu catering for a wide variety of people. They will need to have a range of dishes that can cater for all and explain the nutritional values of the dishes. They will then create a dish that can be easily modified during a practical lesson.