

# These are the exciting things I will be studying this half term...

## English

This half term Upper students will be studying creative writing, using *The Lord of the Flies* novel as a springboard for ideas. They will be focusing on sentence construction, spelling and grammar as well as improving their descriptive writing with ambitious vocabulary and figurative language.

## Maths

This half term pupils will be developing their skills, confidence and fluency with addition and subtraction (including working with money.) They will also be studying shape including angles, lengths, perimeter, area and volume. GCSE pupils will be studying the following topics; index laws, expanding and simplifying brackets, sequences, solving equations, factorising, changing the subject of a formula and linear and

## Science

Pupils will learn about elements, mixtures and compounds. They will cover topics such as Atomic structure, the periodic table, compounds, reaction states of matter and polymers. Practical work in the lab will be around chromatography and simple chemical reactions.

## PSHE

This half term we will be looking at different careers. We will be looking at applying for colleges and jobs. The focus will be on planning for the future.

## Options 1

**ICT: Computer Science** - Students are continuing with theory module 1. Topics of study include: Architecture of the CPU, CPU Performance, Embedded Systems, Primary Storage and Secondary Storage. Students at present are still working through the Architecture of the PC module.

**WJEC ICT** - The initial plan was to start with IT User Fundamentals but this module will now take place after Christmas. This half term students are working on the Presentation Software unit of work. Students are planning a PowerPoint presentation on a chosen subject and will create their presentation using Microsoft PowerPoint. They will learn how to integrate a range of multimedia and learn how to produce a product that is fit for purpose.

**Non-Accredited ICT - Game Development** was on the cards this half term however a decision was made to complete the Comics and Characters unit first instead. Students are going to plan, design and create not only a Comic but also an original comic book character. Students will use *Comic Life* to create their comic strip.

**History:** This half term we will be continuing to explore the history of Germany from the end of WW1 to the rise of a dictatorship. We will be honing our skills interpreting sources and making inferences.

## Options 2

### Duke of Edinburgh:

The pupils will be continuing to develop map skills to be able to follow a planned route. They will learn about what to do in an emergency and develop a range of first aid skills.

### Food Technology:

The recipe focus for this half term is soups and chicken. Pupils will continue to follow recipes to cook home cooked foods. They will show awareness of the Eatwell guide and will be looking at nutritional needs throughout life. As well as selecting recipes they will be shopping for ingredients being aware of sourcing and seasonality. Safety and hygiene in the kitchen will be promoted. Pupils will be encouraged to evaluate their own and others' cooking.

### Geography

This half term we will be continuing to explore Natural Hazards specifically weather hazards and their impact on people and the environment as well as our impact on climate change.

## Options 3

### Forest School:

Pupils will continue to explore animal habitats. They will learn how to track and identify footprints. Pupils will have the opportunity to build shelters and dens and develop a range of skills using tools.

### Enterprise:

In Autumn 2 we will continue with the two units "Participating in an Enterprise Activity" and "Working with Others." Pupils will continue to demonstrate skills through their contribution to planning, working with each other, carrying out and reviewing an enterprise activity. This will be linked to pupils planning and creating goods to sell on their stall at the Christmas Fair.

### Music:

Pupils will continue to work on a new skill (Part A of the Bronze Level Arts Award.) they will also continue to research an artist they are inspired by.

Art: Pupils will be working on their portfolio project entitled "Me, myself and I."