

# Curriculum Map - Term 6

## GCSE



### English

#### Non-fiction:

Pupils will identify and understand features for writing to inform. Pupils will be able to comment on language used and understand its intended audience. Pupils will explore different forms of persuasive writing and understand the difference between fact and opinion.

### Maths

#### Probability and statistics:

Pupils will learn how to understand independent and relative frequencies of probability. They will learn how to interpret and construct sample space diagrams. Pupils will learn how to interpret, and construct grouped data diagrams, they will learn how to calculate and compare averages. Pupils will also learn how to interpret and construct scatter graphs.

### Science

**Biology:** Pupils will learn that all organisms that live and interact in an ecosystem form a community.

Pupils will learn about abiotic and biotic factors that can impact an ecosystem.

**Chemistry:** Pupils will learn how changes in conditions can affect the rates of reactions. Pupils will also learn about energy transfers that can occur during chemical reactions.

**Physics:** Pupils will learn how the particle model explains properties of matter and what happens when energy is transferred to or from a substance.