



# Year 11 Spring 2:1

## English

In English this half term, pupils will be examining fictional and non-fictional text. This will involve discussing the purpose of both fictional and non-fictional text, identifying the different types of narrators there is in fictional writing etc.

The key skills that will be developed during this term will consist of: organising, analysing language and evaluating text. Pupils will be reading a non-fictional text of their choice and the 48 laws of power. The focus will be on summarising and inference.

## Maths

Spring 1 begins with a continuation of solving worded problems using estimation and more work on solving worded problems using higher and lower bounds. The indices rule is used for calculations and pupils begin working out simple interest, price after VAT and income after tax for real world problems using mental and written strategies. We then move onto solving linear equations and finding the nth term of a sequence. Finally, we end Spring 1 with the plotting and analysis of scatter graphs.

## Science

Pupils will be able to describe all the changes involved in the way energy is stored when a system changes, for common situations. Pupils will learn how to calculate the changes in energy involved when a system is changed. Pupils will be describing how energy is dissipated. Pupils should be able to explain ways of reducing unwanted energy transfers and describe how the rate of cooling of a building is affected by the thickness and thermal conductivity of its walls. Pupils will be able to describe the main energy sources available, distinguishing between energy resources that are renewable and non-renewable, comparing their uses and describe the environmental impact arising from the use of different energy resources.

## Business

In Business Studies this half term we will cover Unit 1, Topic 4, 'Making a business effective'. We will begin by investigating the difference between limited and unlimited liability and the different types of business start-ups. Following this we will analyse the most appropriate type of business ownership for a range of business start-ups, before exploring the four elements of the marketing mix and writing a business plan.

## History

In this term, pupils will start their revision for their History GCSE. Pupils will focus on the topics of Germany 1890-1945 and Conflict and Tension 1918-1939.

## PSHE/RE

In PSHE this term we will be looking at risk and safety. Firstly, we will be discussing all the positive and negative things about social media. We will be looking at how cyberbullying, trolling and hacking is with ideas on how to protect yourself online. We will be exploring why people join gangs and may lead to people carrying knives. We will then be exploring different signs that could indicate a young person is a member of a gang and the impact on their health & welfare as well as their families, peers and community.



PE	Horticulture	Food Technology
<p>In the first part of the Spring term, we will focus on basketball invasion games, developing our skills, resilience and teamwork. In the second half of the Spring term, we will focus on football skills games, developing our striking, fielding, attacking and defending skills.</p>	<p>In Horticulture this term we will re-cap the allotment rules. We will learn how to winter prune soft fruit and fruit trees. We will learn about the importance of wildlife and how to encourage it. We will prepare for The RSPB Big Schools Bird Watch, researching and supplying a selection of suitable wild bird food to attract a wide selection of birds and take part in a national bird survey. We will learn about tubers, bulbs and corms, researching and planning a vegetable bed for a summer crop including a crop rotation.</p>	<p>In Food Technology this half term we will be looking at the legal requirements for the information about food on its labelling i.e., traffic light system, health claims and nutritional values. We will be exploring how marketing can influence our food choices, loyalty cards, buy one get one free, meal deals etc. As well as looking at these areas we will be cooking a range of products including stir-fry, vegetarian meals and pizzas.</p>