

## Home Economics

### *Design and Make Tasks:*

This incorporated adapting recipes, developing packaging and labeling and development of culinary skills.

## English

### *To kill a Mocking Bird*

- The unit will prepare student for Year 10 relating to tested novels.
- Identifying the various themes and the importance of how each relate to the characters.
- The unit will study how language is used as a tool to convey meaning.

## Art & Design

### *Recreating Landscapes.*

Pupils explore ideas and feelings about an event in their own life as the starting point for image making. They analyze painting, prints, photographs and digital images, including examples of photojournalism, to learn how visual qualities can be manipulated to evoke strong reactions and to represent ideas, beliefs and values. They make connections between eighteenth- and nineteenth-century paintings and contemporary visual culture.

## Computer Studies

### Introduction to MS Access

Tables  
Forms  
Queries  
Reports

## Mathematics

**Algebra 1 & 2:** Sequences quadratic, fractions & graphs.

**Number 1:** The four rules governing fractions, percentages, compound interest, ratio, proportion

**Algebra 3:** Equation, formula & identities, simultaneous equation.

**Geometry & Measures 1 Pythagoras:** Theorems, congruent triangles, tessellations & regular polygons.

**Statistics 1:** Scatter graphs & correlations, lines of best fit cumulative frequency diagram

**Geometry & Measures 2:** Similar triangles, metric units of area & volume, length of an arc & area of a sector, volume of a cylinder rate of change.

## Curriculum Overview Michaelmas Term

## French

En famille

Bon Appétit

En voyage

Ca va

## Geography

### *Ecosystems*

What is an ecosystem?  
Investigating coral ecosystems  
Conservation and a focus on Rainforests, and Africa's grasslands  
Animals and people in sustainable ecosystems

## Music

Reading and writing Music, using Manuscript books.

- Learning songs from the production of Oliver, as a written topic on the story and characterization of the performance.
- Learning Christmas songs in preparation for the Carol night performance in December.

## Science

### *Biology*

Plant and photosynthesis  
Plant for food

### *Chemistry*

Metal & its Compounds  
Using Chemistry

### *Physics*

How far? How fast?

## History

### *The Rise of the British Empire*

India, the jewel in the crown

The Indian Mutiny 1857  
(causes and consequences)

The Empire in the late  
19<sup>th</sup> century

## Physical Education

Factors affecting performance

Fitness and testing  
Invasion Games

Coursework activities: table tennis,  
badminton and hockey  
Swimming: Coordinated breathing  
across the strokes. Water safety

## P.H.S.E.

### *Consideration*

What is consideration?  
The importance of consideration in  
society  
Consideration with friends and family.