

# Year 10 Half Term 6 Topics

## English

Students will be recapping 'A Christmas Carol' and preparing for mock exams. Students will then complete their study of poetry from the anthology and complete the Speaking & Listening element of their GCSE Language qualification.

## Maths

Foundation - Ratio, Equations, Vectors and Revisions/Gap analysis from Y10 Exams. Higher - Probability Trees, Transformations and Revisions/Gap analysis from Y10 Exams.

## Science

In science lessons this half term Y10 students will be studying the following: [AQA - Biology B5 \(Homeostasis\)](#) , [C6 \(Rates of reaction\)](#) , [P5 \(Forces\)](#)

## Electronics

Populating and testing PCB circuits. Testing actual results against expected results. Using multimeters and soldering irons.

## Health and Social Care

Physical, social and psychological barriers to health care services. Language, geographical and financial barriers.

## Engineering

Students are completing their first NEA task and creating engineered parts for their clamps. They will begin their 'designing engineered products'.

## Geography

As part of the Natural Hazards unit of work, students will explore weather hazards; tropical storms and extreme weather in the UK. Students finish the unit by focusing on the causes, effects and management of climate change. After the Mock Examinations, we will prepare for our Physical Fieldwork in Hornsea.

## Hospitality and Catering

Industrial food preparation and revision for catering exam. Visiting the school canteen to investigate how food is prepared in large volumes.

## Computer Science

Investigating systems architecture by looking at the purpose of the CPU, its performance and embedded systems. Student will also continue to consolidate and practice pseudocode.

## History

Year 10 will be finishing the Medicine in Britain unit. They will study the developments in medicine in the 20th century. Looking at the causes, treatment and prevention of disease. Alongside the key individuals who changed medicine.

## Life

Staying safe; how to keep as a young adult in the wider world

## MFL

Y10 students will do listening and reading assessments during the mock exam period and then a mock speaking exam at the end of the school year which we have been preparing for in half term 5. This will enable them to show off all of the skills they have been developing throughout the school year.

## Hairdressing and Beauty Therapy

Finishing designs and looking at the science and anatomy of hair and beauty treatments

## Drama

Devising unit - First unit of assessed work for examination

## Music

Composition coursework is being completed in class. Students should all be continuing to improve their performance skills as homework and ensure that they are attending their individual instrumental/vocal lessons.

## Business Studies

Students will be making Human Resource decisions. This involves looking at organisational structures, recruitment process, staff training and motivation.

## P.E.

Athletics (track & field), Cricket (batting & bowling), Tennis (groundstrokes, volleys & serve)

## Sports Studies

Factors that influence the risk & severity of injuries