

# Year 10

**Art:** At the start of the GCSE course students begin exploring the theme of 'Forms'. They focus on recording natural forms through photography, drawing and painting. They will then begin to explore the work of other artists who focus on representing forms within nature and make some creative and original response ideas being influenced by these artists.

**Computer Science:** This half term, students will learn to understand Number systems: Decimal (Denary), Binary, 8-bit binary addition, 3-number binary addition, overflow errors, hexadecimal, number conversions

**Dance:** Students will begin to develop their dance technique across a range of dance styles as well as developing their body conditioning.

**Drama:** This half term students will take part in a series of activities to develop transferable skills required through the GCSE Drama course.

**English:** Year 10 will be starting their GCSE preparation by studying the Shakespearian tragedy "Macbeth".

**French:** Students will study the topic of technology within the theme of Identity & Culture.

**Spanish:** Students will study the topic of travel.

**Geography:** This half term in GCSE geography, we will be starting our journey looking at natural hazards and how the earth shapes the world around us, and how people must live with the hazards the earth can create.

**History:** This half term, year 10 students will be studying the development of Crime and punishment in medieval and Early Modern England.

## **Maths:**

Foundation – This half term, students will be looking at factors and multiples and products of prime factors.

Crossover – This half term student will be recapping, and developing their understanding of, powers, roots and prime numbers

Higher – This half term, students will be looking at irrational numbers

## **Physical Education:**

This half term, year **10 GCSE PE** pupils will be developing their knowledge and understanding of component one, unit one which is anatomy and physiology. Pupils will learn, practice, and apply content to a range of exam questions.

This half term year 10 **BTEC Tech Sport** classes will be studying Component 1: Preparing participants to take part in sport and practical activity. This unit will be assessed in January and the marks go towards their final grade in year 11.

**Core PE:** This half term, year 10's will be on a rotation of either Football, Basketball, Netball and or Rugby. Pupils will continue to develop and improve key skills and techniques involved within each area but with a focus on the importance of mental, social, and physical health.

**Religious Studies:** Christian Beliefs and Values In this unit, students will study Christian beliefs as outlined in the AQA GCSE Religious Studies syllabus. Through the examination of core Christian doctrines, biblical teachings, and historical developments, learners will develop a comprehensive understanding of the Christian faith. By engaging with theological debates and ethical implications, students will enhance their critical thinking and analytical skills while gaining a deeper appreciation of the impact of Christianity on individuals and societies.

**Science:** Year 10 will be looking at cell division and the chemistry of food, chemical bonding, and energy resources

**Hospitality & Catering:** Students begin their Hospitality and Catering course looking at the skills that will be essential for success to create a 3-course meal. Students will produce cinnamon rolls and a vegetable Shepard's pie.

**Travel and Tourism:** This term the year 10 BTEC Tech learners will be focusing on Component 1: Travel and Tourism Organisations and Destinations. Learners will investigate visitor destinations with the UK and wider World and explore their importance. This will also lead to learners explore a variety of travel products, organisations and services.

**PSHE-** This half term Year 10 will be looking at the 'Mental Health' unit, exploring how to manage their health, the effects of social media on health, coping strategies to help deal with grief, developing resilience and how to optimise physical health.