

# YEAR 10 WHAT WILL MY CHILD LEARN THIS TERM?

**SOUTH  
HUNSLEY**  
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HUNSLEY**  
Sixth Form

## EVENTS & UPDATES

- Year 10 and 11 GCSE Support will go live on our website on Thursday 26 October.
- Progress Evening is on Thursday 9 November for students with surnames A-K.
- Progress Evening is on Wednesday 15 November for students with surnames L-Z.
- Assessments will take place in a number of subjects between 13 and 27 November.

## ART & PHOTOGRAPHY

### Art

This term your child will start their portraiture coursework where we are focusing on refining what pupils have learnt in Key Stage 3 and pushing pupils to reflect critically on how they can improve. Pupils will start by focusing on facial features before building up to a whole portrait using pencil. Pupils will then go on to explore the formal elements within portraiture.

### Photography

This term your child will start their still life coursework where we are studying a range of photographers who cover a variety of skills and techniques. Pupils will learn how to manually use the camera, set up a successful shoot and then how to edit appropriately.

## BUSINESS

Pupils in Year 10 will begin the year studying a theme titled 'Investigating Small Business'. Theme 1 concentrates on the key business concepts, issues and skills involved in starting and running a small business. It provides a framework for pupils to explore core concepts through the lens of an entrepreneur setting up a business. In this theme, pupils will be introduced to local and national business contexts and will develop an understanding of how these contexts impact business behaviour and decisions. Pupils will cover the following topic areas:

### Enterprise and Entrepreneurship

Pupils are introduced to the dynamic nature of business in relation to how and why business ideas come about. They also explore the impact of risk and reward on business activity and the role of entrepreneurship.

### Spotting a Business Opportunity

Pupils will explore how new and small businesses identify opportunities through understanding customer needs and conducting market research. They will also focus on understanding the competition.

## CHILD DEVELOPMENT

Pupils in Year 10 will begin the year studying and investigating human reproduction and fertility from a biological perspectives including both male and females. This will allow them to use this knowledge to study factors that affect reproduction, such as: pre and post-conceptual factors, screening techniques and pre and post-birth requirements.

## COMMUNITY & PERSONAL

Pupils in Year 10 will begin the year studying topics around how they can take care of their own health and well-being. This will include lessons around alcohol and binge drinking, drugs and self-harm. Later this term, pupils will complete Religious Studies topics found in the RS section.

# COMPUTING

## GCSE Computer Science

During this term pupils will start to develop their programming skills. Looking at different levels of programming languages and focusing on the three pillars of programming; sequencing, selection and iteration. In the theory side of the course, they will start to study the fundamentals of computer systems which will include looking at the role of hardware, software and the components in a computer.

## BTEC Digital Information Technology

Pupils will start to work on studying Component 1 – Exploring User Interface Design Principles and Project Planning Techniques. This module is worth 30% of their overall grade. Pupils will be working on understanding what a PSA looks like and what will be expected of them in preparation for a mock in October. Their graded PSA for this component will start in February.

# DESIGN & TECHNOLOGY

## Design and Technology

Pupils will develop their knowledge and understanding of drawing and communication skills, learning and applying their skills in Isometric, 1 point perspective, 2-point perspective, crating, shading and rendering and the use of CAD. They go on to develop their knowledge of timbers and electronics, manufacturing a lamp using these materials and components.

## Engineering

Pupils will develop their knowledge and understanding of engineering design through the use of freehand sketching, oblique and isometric drawings as well as orthographic drawing. Pupils will use CAD and CAM to manufacture a product using a range of joining techniques.

In the second half of the term pupils will begin their second piece of Non-Exam Assessment work which will contribute towards 30% of their final grade using a context from the exam board as starting point. Pupils will be required to use freehand drawing and sketching techniques to communicate ideas for an engineered product before using rendering, labelling and annotation to further communicate their ideas.

## Textile Design

Pupils will develop their knowledge, understanding and application of textiles art using architecture as a starting point. They will create and develop samples in the style of artists and designers using a range of surface pattern using pattern and fabric manipulation techniques.

## Food Preparation and Nutrition

Pupils will learn about the nutrition, focusing on protein, fats and carbohydrates and then vitamins, minerals and hydration. Pupils develop their knowledge of the chemical properties of these nutrients, their functions and the effects of deficiency and excess. Throughout the term pupils will develop a wide range of cookery techniques, cooking each week.

# DRAMA

Pupils in Year 10 will begin their GCSE curriculum study by completing a baseline performance assessment, which will be a short extract of the play 'The IT' by Vivienne Franzmann. Pupils will then develop their creativity and collaboration by working as an ensemble to bring to life a larger extract of the play. Later this term, pupils will explore a range of theatre practitioners.

# ENGLISH

Year 10 pupils will spend the term studying one of their GCSE English Literature exam texts, Jekyll and Hyde, by Robert Louis Stevenson. Concurrently, they will continue to develop their non-fiction writing skills, a key aspect of English Language Paper 1. At various points in the term, pupils will also learn how analyse and respond to poetry.

# GEOGRAPHY

Pupils this term will be studying weather which includes learning about why our world has a number of different climates and studying weather hazards such as tropical cyclones and drought and the impact these have in both developed and developing countries. Pupils will also study changing cities, where they will learn about the development of cities around the world and focus on the difference between developed and developing areas.

# HISTORY

Pupils have begun their study of Medicine in Britain 1250-Present. Pupils will study how medieval medicine was practiced including what they thought caused illness and disease, their approaches to treat and prevent illnesses and methods of caring for the sick. Pupils will investigate the Black Death as an example of how medieval medicine was practiced during this time period.

# MATHS

Pupils in Year 10 will begin the year studying ratio and proportion. This will include expression two quantities as a ratio, combining ratio, sharing into a ratio and direct and inverse proportion. Later in the term, pupils will study statistics which will include the difference between different types of data, how to construct and interpret many different charts and diagrams, calculate averages and the range.

# MODERN FOREIGN LANGUAGES

In **French**, pupils will learn vocabulary and structures about everyday life, festivals and traditions and describing a region.

In **German**, pupils will learn vocabulary and structures about family and friendships and everyday life.

In **Spanish**, pupils will learn vocabulary and structures about life at school and interests and influences in our lives.

# MUSIC

The Year 10 curriculum for AQA GCSE Music is designed to provide pupils with a comprehensive understanding of music theory and practical skills. Pupils will learn about music notation, harmony, rhythm, and melody, and develop their skills in performance, composition, and appraisal. They will also study a range of musical genres, including Western classical music, popular music, and world music, and learn how to analyse and evaluate music from different contexts and periods. By the end of the year, pupils should have a deep understanding of music theory and be able to apply their practical skills in a range of contexts. They will also be well-prepared for the written and practical assessments that form part of the AQA GCSE Music examination.

# PHYSICAL EDUCATION

Pupils in Year 10 will complete a Sports Leaders Level 1 qualification in core PE, Planning, delivering skills and officiating in several sports events. In addition to this, pupils who selected **GCSE PE** as an option will look at the following:

- Physical factors affecting performance
- Practical Sport – performance in PE

Pupils who select the **CNAT Sports Studies** course will study the following:

- R051 Contemporary issues in sport
- R052 Developing sports

Pupils who select the **BTEC Dance** course will study the following:

- Component 1: Exploring the Performing Arts
- Component 2: Developing Skills and Techniques in the Performing Art

Pupils will enhance their theoretical Knowledge and Understanding, which will allow them to succeed towards the end of year 11 when taking the GCSE examinations.

# RELIGIOUS STUDIES

GCSE starts with our thematic topic of Relationships and Family to look at issues surrounding sex and sexuality, marriage and divorce, as well as family life, gender roles and gender equality. Pupils will be given GCSE exam style questions, and regularly set for homework. Work is completed by sitting a full set of exam questions on that topic. We then go on to a Religions unit of Christian Beliefs, in which beliefs about God, life after death, Jesus and Salvation and the creation of the world are explored. Pupils will look at and answer GCSE exam questions for this paper to help in their preparation exams in Year 11.

# SCIENCE

Pupils will be following their different GCSE pathways for Science – Separate Sciences or Trilogy Science. They will learn Science as the three separate disciplines of Biology, Chemistry and Physics.

## **Separate Biology**

Pupils will learn about monoclonal antibodies and plant diseases before moving on to learn about the human digestive system. Pupils will then learn more about plant tissues and plant organ systems.

## **Separate Chemistry**

Pupils will learn about the different types of bonding: ionic, covalent and metallic and the properties of these chemical bonds. Pupils will then move on to learn about organic chemistry – which looks into different compounds and their uses, including fuels.

## **Separate Physics**

Pupils will learn about specific heat capacity and the density of different materials – building upon their particle model knowledge from Year 9. Pupils will then learn about electricity, in particular looking at Ohm's law and the National Grid.

## **Trilogy Biology**

Pupils will be learning about the human digestive system and how to test for different food groups. Pupils will then move on to learn about plants and plant tissues and osmosis.

## **Trilogy Chemistry**

Pupils will learn about the different types of bonding: ionic, covalent and metallic and the properties of these chemical bonds. Pupils will then move on to learn about organic chemistry – which looks into different compounds and their uses, including fuels.

## **Trilogy Physics**

Pupils will learn about specific heat capacity and the density of different materials – building upon their particle model knowledge from Year 9. Pupils will then learn about electricity, in particular looking at Ohm's law and the National Grid.