

YEAR 10 WHAT WILL MY CHILD LEARN THIS TERM?

**SOUTH
HUNSLEY**
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HUNSLEY**
Sixth Form

EVENTS & UPDATES

Monday 8 - Friday 12 April: **Interform**

Monday 13 - Friday 17 May: **Wellbeing Week**

Friday 24 May: **Last day of half term**

Monday 3 June: **Return to school**

Friday 19 July: **Last day of school**

ART & PHOTOGRAPHY

This term pupils will continue to develop their natural forms where they will be focusing on a variety of painting techniques. Pupils will then after half term be selecting their chosen project out of portraiture and natural forms to develop and take through to Year 11.

BUSINESS

Pupils in Year 10 will continue 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.

In the summer term pupils will cover Topic 1.5 External influences – Pupils will gain an understanding external influences on business – pupils are introduced to a range of factors, many of which are outside of the immediate control of the business, such as stakeholders, technology, legislation and the economy. Pupils will explore how businesses respond to these influences.

CHILD DEVELOPMENT

Pupils will be completing the module on Health and Well-being for Child Development (Unit R057). Pupils will be starting to prepare for the start of NEA Unit R058 which focuses on environmental safety and nutritional needs of children for birth to 5 years of age.

COMMUNITY & PERSONAL

Pupils in Year 10 this term are studying topics around Relationships and Sex Education (RSE.) The topic will focus on what is acceptable and unacceptable in a relationship. This will include lessons around consent, sexual assault, fertility and pregnancy, stalking and harassment, domestic and honour-based violence and sexting and revenge pornography. The lessons will discuss how they can keep safe, make pupils aware of the dangers and how to report them. Pupils will then move onto RS topics listed in the RS information.

Finally pupils will go back to Community and Personal topics around fake news and bias, social media validation and women's rights.

COMPUTING

GCSE Computer Science: During this term pupils will start to look at how they can make their programs more robust through using validation and authentication. They will also be looking at how they can use pre-existing libraries such as Turtle within their programs. In the theory side of the course, they will start to study computational thinking which will include looking at abstraction, decomposition, designing algorithms using flowcharts and pseudocode, truth tables, sorting algorithms and searching algorithms.

BTEC Digital Information Technology: Pupils will start to work on their preparation for Component 2 – Collecting, Presenting and Interpreting Data. Pupils will develop their understanding of the characteristics of data and information and how they help organisations in decision making. They will use data manipulation methods to create a dashboard to present and draw conclusions from information. Pupils will be using the software application Microsoft Excel for this element. The graded PSA will start in October of Year 11 which is worth 30% of their overall grade.

DESIGN & TECHNOLOGY

Design and Technology: During the first half of the term pupils will learn about fibres and fabrics covering where they come from, their common uses, properties and characteristics as well as different types of fabric construction. Pupils will apply surface decoration to a piece of fabric before manufacturing a draw string bag using a sewing machine.

In the second half of the term pupils will begin their Non-Exam Assessment work which will contribute towards 50% of their final GCSE grade using a context from the exam board as starting point. Pupils will explore the context and carry out investigations into areas such as users and stakeholders, existing products and materials before writing a design brief for their project.

Engineering: Following the completion of their first unit of assessed work pupils will develop their knowledge and understanding of core engineering principles that will be assessed in their exam unit at the end of year 11. This includes topics such as the design cycle, the requirement of design briefs and specifications as well as how things like sustainability influence us as engineers.

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.

Textile Design: Pupils will continue to develop their practical skills with a focus on constructed textiles and fashion design. They will learn the principles of garment construction, fashion illustration and pattern drafting. Throughout the making process pupils will research and be inspired by a range of artists and designers.

In the second half of the term pupils will begin their sustained project. They will be given a choice of themes that they will use as a starting point for their design process and they will complete a personal project in response to this. Pupils will continue working on their sustained project for the first part of Year 11 and this concludes their first coursework unit which makes up 60% of their final GCSE grade.

Food Preparation and Nutrition: Pupils will learn about the principles of food safety, bacterial contamination of food and how to prevent this as well as the role of micro-organisms in food spoilage. They will learn food is preserved and how micro-organisms are used on positive ways in food production.

In the second part of the term pupils will learn about factors that influence food choice, including social, moral and cultural influences on food choices as well as developing their knowledge of food labelling and allergens.

Throughout the term pupils will develop a wide range of cookery techniques, cooking each week. By this stage in the course, now that pupils have mastered basic cookery skills, we encourage pupils to develop their own recipes, choose ingredients and techniques through a series of themed technical challenges in readiness for year 11 when they design, develop and produce a range of highly technical dishes.

DRAMA

Year 10 are continuing to work towards their first formally assessed unit (Component 1). Pupils will now begin group work involving pupils developing a piece of theatre in a chosen style in response to a stimulus set by the exam board.

ENGLISH

Pupils in Year 10 will begin the summer term completing their literature GCSE study of Romeo and Juliet before beginning to study their Power and Conflict poetry anthology in preparation for their GCSE next year. In their language lessons, pupils will learn how to respond to Language Paper 2 (non-fiction reading and writing) and prepare for and perform their spoken language NEA.

GEOGRAPHY

In Year 10 pupils will start to study their Fieldwork topics. This includes the study of how coastal processes change along the Holderness coast, in particular Hornsea and Flamborough Head, and how coastal management may affect these processes. For their Human Fieldwork, they will analyse how land use in the City of York can change from the outskirts to the City Centre and reasons for these changes. They will also study the Challenges currently facing the UK such as Climate Change, Resource consumption and Sustainable transport.

HISTORY

Pupils are continuing their GCSE studies with the fall of tsarism in Russia in 1917, the impact the First World War had in Russia and the reasons why the Bolsheviks were able to seize power by October 1917. Pupils will then study Lenin and the Bolsheviks, understanding the key changes to government, economic policy and impact on Russian society.

MATHS

The start of the summer term will see Year 10 pupils continuing to learn about Area, Perimeter and Volume of 3D shapes. They will continue with Geometry in the following unit, and deepen their knowledge of shape transformations, Pythagoras and trigonometry. Later in the term, pupils will study similarity and congruence.

MODERN FOREIGN LANGUAGES

FRENCH: Pupils will learn vocabulary and structures about holidays and school life.

GERMAN: In German pupils will learn vocabulary and structures about visiting a town and holidays and tourism.

SPANISH: In Spanish pupils will learn vocabulary and structures about describing a town and everyday life, festivals and traditions.

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.

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 RS: The next topic will be Buddhist beliefs. It will cover key elements of Buddhism. Lessons will look at how Buddhism began, the life of the Buddha, key teachings of the Buddha, different types of Buddhist traditions, including Mahayana, Theravada and Pure land Buddhism.

Once completed, pupils will cover the Theme D- Peace and Conflict. In lessons we will be considering reasons for war, how war should be fought and the different arguments for the use of violence and pacifism.

CORE RS: Once Community and Personal topics have been completed, pupils will complete a RS topic called "Harm no living being." This will focus on religious responses to the world and its care, stewardship and dominion and religious responses to animals.

SCIENCE

Separate Biology: Pupils will be learning about ecosystems and food production, before learning about the structure and functions of the nervous system, including the brain and the eye.

Separate Chemistry: Pupils will be learning about reactions of metals, reactions of acids and also reversible reactions and equilibrium.

Separate Physics: Pupils will be learning about forces, including investigating acceleration before looking at momentum and the wider applications of momentum.

Trilogy Biology: Pupils will be learning about ecosystems and biodiversity, before learning about the nervous system.

Trilogy Chemistry: Pupils will be learning about the different reactions of metals in addition to the different reactions and properties of acids.

Trilogy Physics: Pupils will be learning about forces, including investigating acceleration before looking at momentum and the wider applications of momentum