

What will my Year 10 child learn this term?



A summary of learning for the Spring Term 2024

Art

This term the pupils will continue with their coursework. This makes up 60% of their final grade. We will continue to use the Pop art movement as a source of inspiration. Pupils will apply their visual language of line, shape, form and colour to create a series of drawings, paintings, prints and collages that express their responses to the theme 'Me, Myself and my world'.

BTEC Digital Information Technology

Students are currently completing their NEA assignment for Component 1 which will then be sent off to the exam board. Towards the end of this term they will then begin preparation and skill building for Component 2.

Business

Students have just completed Unit 1.3 - Putting a business idea into practice and will be moving onto 1.4 - Making the business effective, during which they will study business ownership types, location, business plans and the marketing mix.

Computer Science

In the previous half term, our Year 10 Computer Science students deepened their proficiency in Python programming, focusing on enhancing their coding skills. Additionally, they embarked on an exploration of binary systems, mastering key concepts like binary conversions, binary addition, and binary shifts. This half term, the curriculum will pivot towards data representation, delving into the intricate mechanisms of how data is stored and managed in computing systems. Parallel to this, we will continue to build upon their Python programming skills. This approach is aimed at providing a comprehensive understanding of both the theoretical and practical aspects of computer science, ensuring students are well-prepared for advanced studies and real-world applications.

Creative iMedia

Pupils are currently completing their NEA assignment for R097 - Web Design which will then be sent off to the exam board towards Easter time.

Design & Technology

Pupils studying GCSE D&T have now covered the material areas of Timbers and have begun the unit of Polymers, incorporating both

theory learning with practical, workshop tasks. They have also developed technical drawing and rendering skills and an understanding of designing to meet a user's needs. Retrieval homework quizzes have been used to support pupils' knowledge retention, and pupils will be sitting their first end of unit assessment paper. Later in the school year, from the 1st June 2024, pupils will begin work on their official NEA coursework project, which is worth 50% of their overall grade for the course.

Drama

Students have explored their set exam text Noughts and Crosses as well as developed their understanding of theatrical practitioners. This term they will take part in 2 mini mocks of Component 2 and 1, they will perform scripts and develop an original piece of Drama, they will receive feedback based on the exam specification mark scheme to allow them to best understand where they are progressing and prepare for their assessments in year 11.

Engineering Design

Pupils are continuing work on their first NEA (non-examined assessment) R039 Communicating Designs where they have been tasked with designing a wireless phone charger with a secondary function. This work is due for completion on 9th April 2024. This unit develops skills in technical drawing methods, rendering, CAD (computer aided design), and design annotation. Further theory topics will be embedded along the way in order to support pupils' understanding and begin preparing them for their year 11 R038 exam paper.

English

This half term year 10 will be focusing on the Power and Conflict poetry cluster in preparation for their English Literature GCSE exams. They will also cover the skills required for the English Language Paper 2 exam and their Speaking and Listening unit. As part of the Speaking and Listening unit, pupils will be expected to present a particular topic of their choice (their teacher will verify their topic choice) to the class or at least a cohort of pupils. This will form part of their GCSE.

Geography

During the Spring Term, pupils will continue to complete elements related to their three main areas of study for GCSE Geography course (Edexcel A); The Physical Environment; The Human Environment; and Geographical investigations including fieldwork and UK Challenges. Pupils will begin the term by completing the Human Geography unit 'Changing Cities', which will include a graded end of unit assessment. Pupils will then continue to build on their understanding of aspects of Physical Geography when they begin their investigation of 'Changing Landscapes', with a particular focus on coasts and rivers. This unit of work leads pupils into preparation for summer field trip to Hornsea, where they will explore the factors impacting the rapidly eroding Holderness Coast.

Health & Social Care

This term students will be finishing their coursework for Unit RO33. They will be looking at different sources of support and how they suit the needs of their individual. Once this is completed, we will move onto the next unit of work involving look at different types of communication. This will then feed into their next unit of coursework based on Creative Activities. In this, we look at the different types of creative activities and how they are suitable for different groups of people. Students will then plan and deliver their own session. Students are more than welcome to attend a catch up session in 3015 on a Monday lunchtime. This is an opportunity for pupils to catch up on coursework with a teacher present.

History

Throughout the Spring Term of Y10, pupils will complete the 'American West' unit, which is the first of their four GCSE History (Edexcel) topics. Pupils will sit a timed American West 'practice paper' during lessons once the unit has been completed, and will receive a guidance on what their final mark would mean in terms of recent grade boundaries for History. Pupils will then begin their study of the Paper 3 unit 'Weimar and Nazi Germany 1933-39', starting with the legacy German surrender and defeat in the First World War which will help pupils shape their understanding of the context that enabled the extremist Nazi Party to rapidly gain support in the early 1920s. Throughout this unit of work, pupils will further develop their core historical skills of forensic source analysis and the consideration of historian's views in order to help them construct their understanding of the past.

Maths

Pupils will be continuing to expand their skills and understanding in Maths through the next 2 units of their GCSE course. Unit 3 will cover Quadratics and Graphs where pupils will learn to draw graphs of quadratic equations and solve quadratic equations in different forms algebraically. Unit 4 will cover Area, Perimeter and Volume of various 2d and 3d shapes, as well as looking at potential problem solving types of questions they may face that will require their knowledge on the subject.

MFL

GCSE French & Spanish: Pupils will continue their language journey with the topic of technology. Within this topic, pupils will explore a range of language that describes television, music and the advantages and disadvantages of using social media and technology. As we study these in-depth, pupils have the opportunity to practice new grammar and also consolidate tenses they have seen before in a new context. Pupils will acquire skills through listening, reading, speaking and writing as they go through this unit by participating in a variety of activities. Pupils will create answers to key questions which will provide them with teacher feedback on their progress within the unit of work. During the second part of the term, pupils will study the topic of social issues and will learn to describe the ways in which they can support their local community. Throughout the term pupils will become complete a range of GCSE style tasks including, translation work, developing their spoken responses to questions and completing extended written activities.

Music

Pupils will start work on Area of Study 1: The Western Classical Tradition 1650 - 1910. They will study the musical characteristics of the Baroque, Classical, and Romantic periods, learning about the work of influential composers from each era. Pupils will continue to develop their performance and composition skills alongside their study of this unit, applying some of the concepts and techniques they discover.

GCSE PE

Pupils will continue to complete elements of their NEA Coursework alongside being assessed practically in Rugby. They will also continue to study Anatomy and Physiology content including the respiratory and circulatory systems.

Personal Development (PSHE)

Pupils will begin to exploring the Harm no living thing unit which focuses on Stewardship and Dominion and exploring animal rights. Pupils will then have a look at the portrayal of religion in the media and whether this is a fair representation.

Photography

This term pupils will continue with the GCSE coursework, this makes up 60% of the final grade and is therefore important the pupil is in full attendance to all lessons. The unit we are exploring is called 'Shadows'. Here we will research photographers covering this theme by analysing their work, write a proposal on how we will copy and respond to the photographer. We will then go on to decide how we wish to respond to the theme of 'Shadows'. Pupils are expected to complete all tasks within the lesson. Failing to do this means the work will need to be completed for homework.

† Religious Studies

This term pupils will be exploring 'Theme B: Religion and Life' focusing on religion and science within the world today and explore when these can come into conflict around issues including animal rights, pollution and abortion. Pupils will also be focusing on Buddhist beliefs. They will explore different marks of existence, the four noble truths and the eightfold path.

Science

In biology the pupils will be looking at infection and responses, including studying pathogens and communicable diseases. In chemistry the pupils will be moving on to Energy Changes including looking at exothermic and endothermic reactions. In Physics the pupils will study the content of the Energy unit, including how to calculate kinetic energy and gravitational potential energy.

Sociology

Pupils will continue with the Education section of the course. Pupils prior to Christmas have become familiar with the types of education and the views of the role of education according to different sociological perspectives. Over this term, they will start to explore the differences in educational achievement between different social groups and the reasons for these. Focusing on whether internal factors such as labelling and setting have a more of an impact on achievement than external factors such as material deprivation and cultural capital. Pupils will complete an education assessment at the end of this term. They will have then covered the vast majority of the paper 1 content, with research methods still to complete.

Sports Studies

Pupils will continue working on their Performance and Leadership unit. During Term 2 pupils will be designing and participating in a training plan to improve their weaknesses in a chosen sport. Pupils will also be developing their knowledge of coaching principles in preparation for leading a coaching session for Year 7 pupils.

Textiles

Pupils studying Textiles now have their first project for their coursework portfolio (worth 60%) well underway. This term pupils will continue to experiment with hands-on techniques and processes and will begin to produce design ideas in relation to their project brief, before manufacturing a meaningful final outcome. Project 1 will be completed by the end of term, ready to begin a second, in depth project for their portfolio.