

What will my Year 10 child learn this term?



A summary of learning for the Summer Term 2024

Art

Year 10 are now starting their own personal responses to the theme ' Me, Myself and my world'. This is a key part to the coursework because it gives the pupils the opportunity to practise the skills they will need in their Year 11 exam. This unit makes up 30% of their final grade. All pupils are expected to complete unfinished work in their own time. All lessons are on the Google Classroom for you to view. All pupils are also welcome into the art rooms on a Monday lunchtime and can arrange an after school session if they prefer with their art teacher.

BTEC Digital Information Technology

Pupils are now completing skill building activities in spreadsheet software in preparation for their second and final coursework unit, later in the term. They have all now completed the first coursework unit which is currently being collated in preparation for sending off to the exam board for moderation.

Business

Pupils have now completed all of Theme 1 content and are now moving onto Theme 2, which starts with unit 2.1 - Growing a Business. This unit covers internal / external business growth, sources of finance, aims/objectives, globalisation and ethics.

Computer Science

In Year 10 Computing this term, students will be developing their programming skills as part of their GCSE Computer Science curriculum. They will work on various programming projects that enhance their proficiency in Python and develop their problem-solving abilities. These projects are designed to challenge students and help them apply their knowledge in practical scenarios, preparing them for more advanced topics and examinations.

Creative iMedia

Pupils are now completing skill building activities in Digital graphics in preparation for their second and final coursework unit, later in the term. They have all now completed the first coursework unit which is currently being collated in preparation for sending off to the exam board for moderation.

Design & Technology

Pupils are currently working on a mini project producing a functioning night light circuit board, whilst learning about polymers. Soon, pupils will begin learning on their next topic of metals and will complete an end of unit assessment paper. The NEA coursework briefs are released from the exam board on June 1st, and so pupils begin their official coursework portfolio before the end of the school year.

Drama

Pupils have now begun completing their first piece of assessed coursework, Component 1. They are devising their own original piece of Drama as well as completing a portfolio documenting this process. Students will perform the pieces for assessment at the end of term.

Engineering Design

This term in Engineering Design we will be looking at extending our Computer Aided Design (CAD) skills in 2D Design and Solid Works before starting our second NEA (R040) when it is released by the OCR exam board on 1 June 2024.

English

This term, pupils will read William Shakespeare's romantic tragedy 'Romeo and Juliet'. We will cover the key plot points, characters and themes in detail. In addition, pupils will reflect on Q4 and Q5 in Language Paper 1 and Language Paper 2. We will use this term to refresh and refine the skills required to answer these questions with confidence. Finally, we will cover the 'Power and Conflict' poetry anthology once a week. Here, we will begin to consider how the poems compare thematically.

Food Preparation and Nutrition

Pupils in Y10 GCSE Food Preparation and Nutrition have just completed an assessment on 'Food and the environment' this week, leading up to the summer holidays. Pupils will begin a new project 'Food Science' This is a jam-packed area of study, which includes both practical and theoretical investigations into the

chemical and functional properties of ingredients. The project aims to prepare pupils for their NEA1 project, which is launched in September and equates to 15% of the final GCSE.

Geography

During the Summer 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 'Global development', which will include a graded end of unit assessment. Pupils will then continue to build on their understanding of aspects of Geographical investigations where we will be planning and undertaking our human and physical fieldwork. This unit will include a field trip to Hornsea to investigate the impact of coastal erosion on the local community.

Health & Social Care

Pupils have submitted their first unit of work, RO33. We are now moving onto RO34 - Creative and Therapeutic Activities. We are looking at different types of activities, who they are suitable for and the benefits of them. This is ready for the set assignment being released, which will ask the pupils to plan and deliver an activity suitable for a specific age group.

History

Throughout the Summer Term of Y10, pupils will continue their study of the second of their four GCSE History (Edexcel) topics - Weimar and Nazi Germany 1918-39. During the Spring Term of Y10, pupils were introduced to the political turmoil of Germany in 1918 - a country broken by the First World War and political divisions. Pupils tracked the problems faced by the new Weimar Government, and examined the reasons leading to the Nazis being catapulted into power by January 1933. Pupils will spend the first half of the Summer Term developing their core disciplinary skills in history, analysing primary evidence from the time of an event, and comparing the different views of historians. They will use these investigation skills to explore how the democratically elected Nazi Party were able to seize complete control of Germany in a period of just 18 months, before taking a closer look at how life changed for the people of Germany under the rule of a dictatorship. Once this unit is completed, pupils will sit a full Paper 3 Germany practice paper in lessons. Pupils will then begin their third of the four GCSE History units (British Medicine 1250-present) before we break for the summer holidays.

Maths

During this term pupils will continue through unit 5 on Geometry and Measure. They will be expanding their knowledge of transformations. They will be introduced to the use and application of Pythagoras Theorem and Trigonometry, as well as the concepts of vector notation. During this term, pupils will be preparing for year 11 by sitting an example GCSE paper and also bringing home past exam papers similar to the process they will follow in year 11.

GCSE French & Spanish: Pupils will continue their language journey with the topic of social issues and thinking about how we support people in our community. Within this topic, pupils will explore a range of language that looks at topics such as being a volunteer and social challenges that people may face. As we study these in-depth, pupils have the opportunity to practise 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. Throughout the term, pupils will complete a range of GCSE style tasks including translation work, developing their spoken responses to questions and completing extended written activities. Pupils will also complete a written exam paper based on Theme 1 content that was studied earlier in the year.

Music

Pupils are studying AOS3: Traditional Music. This area of study covers Blues music of the 1920's - 1950's, African and Caribbean fusion music, contemporary Latin music, and contemporary folk music of the British Isles. Alongside this, pupils have been working to develop their composition skills, in preparation for starting work on their composition NEA in Y11.

GCSE PE

Pupils continue to study Paper 1 content, including Body Systems, Effects of Exercise and Training Methods.

Personal Development (PSHE)

Year 10 began the summer term by studying a PSHE unit called "Health and Wellbeing". This included discussions about physical and mental health first aid, including the danger of inflexible gender roles and stereotypes on our mental health. We focused particularly on stereotypes around masculinity and how the expectations put on men can be very damaging to their mental health. Students are now moving onto a unit called Politics and Advocacy, which has been created by students on our Pupil Leadership Team who wanted to learn more about the way the country works.

Photography

As the pupils continue to create their responses to the theme of 'Shadow' which is part of their coursework and final grade, every lesson matters and contributes towards their final grade. Pupils will learn a range of editing techniques, researching and analysis of photographers' work and how the pupil will respond by taking photos which are inspired and explained by them.

+ Religious Studies

In Year 10, pupils have been studying Buddhist beliefs, particularly focusing on the Buddha and how Buddhist try to live the best life they can in order to achieve enlightenment. Pupils will also be exploring the 5 moral precepts and the eightfold path to see how these teachings try to guide Buddhists in their everyday lives.

Science

In Year 10 pupils will now be moving on to learning about atomic structure. Pupils will learn about subatomic particles and study how the model of the atom has changed over the years. Pupils will learn about Nobel prize winning scientists such as JJ Thomson and Ernest Rutherford. Pupils will learn the dangers of radiation and also look at uses for different types of radiation.

Sociology

Pupils during the summer term look at research methods used by sociologists. They learn about the disadvantages and advantages of each method from a sociological view using specific case studies. This also introduces them into the crime and deviance unit. Research methods are used in context in both units.

Sports Studies

Pupils will be learning how to plan and deliver an effective coaching session as part of their assessment for R185. All pupils will then deliver their session to a group of year 7 pupils and then evaluate the strengths and weaknesses of their session. Pupils will also attend a watersports activity day at Welton Waters that includes kayaking, paddleboarding and raft building. These OAA experiences will then assist pupils when completing their R187 coursework.

Textiles

Pupils have now begun their second, sustained project, which along with project one will form their component 1 portfolio of coursework, worth 60%. Pupils are currently analysing the work of artists and designers, before beginning experimenting with Textile techniques.