



# Curriculum Bulletin - Y10 EPS1



## What Will I Be Learning About This Half Term?

<b>English</b>	We are learning how to analyse and write creative fiction texts, following the GCSE English Language Paper 1 format. In Literature lessons we are learning about the characters, theme and context of 'Dickens—A Christmas Carol'. There will be assessed questions from both the Language and Literature curriculum, and they will focus on specific exam style questions.
<b>Maths</b>	We are learning topics from the Number 1 module which include Integers, decimals, rounding, factors, multiples, primes, indices, surds and standard form. These will vary depending on the set. We will also be learning Algebra 1 where pupils will cover expressions, expanding and factorising, substitution, equations and inequalities. Pupils will complete an assessment every few weeks based on the topics covered.
<b>Science</b>	<b>Biology</b> —We are learning B1 unit by learning to understand how cells are able to transport materials across their membranes in the processes of diffusion, osmosis and active transport. This will include a required practical and be followed by an end of unit assessment. <b>Chemistry</b> —We are learning to understand the C5 Energy Transfers and then C4 Electrolysis GCSE topic. This will be followed by an end of unit assessment. <b>Physics</b> —We are learning to understand the P4 Atomic Structure GCSE topic. This will be followed by an end of unit assessment.
<b>Computer Science</b>	We are learning about 'Computational thinking and Algorithms'. We will study the elements of computational thinking and then move onto study algorithms in detail including using flowcharts and pseudocode. We will also look at searching and sorting algorithms. There will be end of topic written assessment.
<b>ICT</b>	We are learning about the use of email in the world of work including email etiquette and the advanced features of email. There will be end of topic assessment.
<b>Geography</b>	We are learning about Cold Environments with a focus on Svalbard. Pupils will be able to identify plant and animal adaptations in cold environments as well as the challenges and opportunities provided. Pupils will complete past exam questions at the end of the topic.
<b>History</b>	We are learning about Elizabeth I. This builds on previous knowledge of Early Modern England. Next half term pupils will learn about The American West: Development of the Great Plains.
<b>Economics</b>	We are learning Unit 1 - 'An introduction to Economics'. This will introduce key economic concepts including; The main economic groups and factors of production, and the basic economic problem. After this we will then move onto Unit 2 'The role of markets and money'. There will be an end of unit assessment that will include multiple choice questions, longer questions and data response questions.
<b>Food Technology</b>	We are learning about how the WJEC course will be delivered over the next 2 years. Pupils will be starting unit 1 – The Hospitality and Catering Industry. Pupils will be building the knowledge in this unit of the structure of the industry, jobs on the industry, how the industry operates, what are the health and safety requirements. They will also be building their skills and knowledge of food preparation for the unit 2 part of the course they will undertake in year 11 including cooking the recipes as follows Fruit Kebabs, Cous Cous Salad, Rocky roads, and fruit crumble pupils will be using of skills and equipment including knife skills, use of a kettle, rubbing method, use of a hob, and oven. These simple skills will be built on in Year 11 for the unit 2 controlled assessment.



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<b>Art and Design</b>	We are learning about drawing Portraits in the unique style of the acclaimed Welsh artist Robert Conybear and developing our ideas in a range of drawing and painting media.
<b>Graphic Communication</b>	We are learning a series of workshop style sessions all with the theme portraiture. All pupils will develop their skills and knowledge of Photoshop and produce artist recreation design pieces that develop different Digital art skill sets.
<b>Health and Social Care</b>	We are learning about the six life stages of a human being. This will include learning about the development of a person throughout their life physically, mentally, socially, and emotionally. This is a brand-new course, and so has no prior learning attached, however it does link to many Personal Development topics such as mental health and social skills. It will lead to the application of this learning, using gained knowledge to analyse a case study. There will be a written report assignment in relation to this learning.
<b>Design Technology</b>	We are learning about how the WJEC course will be delivered over the next 2 years. Pupils will then start unit 1 - Planning potential of construction. In this unit the pupils will be demonstrating 3 main skills: written response by writing a feasibility report in a professional manor, hand draw elevation drawing of the planned building and CAD drawing of building using sketch up and Revit. This will have a direct link to the exam they will be sitting in May 2022. Pupils will be carrying out several mock exams so they fully understand what will be asked of them in the real exam in May. Assessment will be carried out after each section of the mock exams in order to improve upon each section again in preparation for the real exam. This unit is externally marked and graded by the WJEC.
<b>Drama</b>	We are learning Stanislavski. This work explores pupils devise piece of original theatre in response to a stimulus, using the characteristics of naturalistic theatre to create an emotional response to theatre in response to the set stimuli material from the exam board.
<b>Enterprise and Marketing</b>	We are learning to understand what customer segmentation is, how and why businesses use this approach. Pupils will also create a customer profile for their product, this is for the RO65 Design a business proposal coursework. We will also cover primary and secondary market research, students will carry out their own research as part of their externally assessed coursework. The exam theory for the topics above will also be covered. The assessment will be a range of multiple choice and short answer questions which reflect the final exam in Year 11, this is great practice and some previous knowledge before the coursework begins.
<b>Music Technology</b>	We are learning how to use a DAW.
<b>Statistics</b>	We are learning to develop our understanding of probability and its applications in statistical analysis. This term we will be focusing on Probability and Collecting Data. Next half-term, we will build on these skills by looking at Processing and Presenting data. Each class will undertake an end of unit assessment in class that will be made up of previous exam questions.



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<b>Languages</b>	We are learning about pupils families and discuss the wide range of relationships and family structures present in our society, as well as future plans. Pupils progress and engagement will be monitored through the use of weekly homework set on Teams and progress will also be assessed with exam questions on the topic.
<b>Psychology</b>	We are learning to think like psychologists, following the Welcome to Psychology unit, within the OCR GCSE Exam Specification. We will be exploring what psychology is and how it is researched, whilst explaining and evaluating the different approaches that are used and issues and debates that exist within psychology.
<b>Religious Studies</b>	We are learning to discuss the relationship between free will and religion in society, following the 'How Free are We' unit. We will be investigating the concepts of free will and freedom in society and religion's role in promoting and supporting them.
<b>Travel and Tourism</b>	We are learning about travel and tourism organisations and destinations. We will investigate the nine organisations involved in the sector and describe their individual role, and how they work together. We will then learn about tourist destinations and investigate the reasons people are attracted to each type of destination. Pupils will be assessed through an internal assignment which they will complete at the end of the unit, which accounts for 30% of their final grade
<b>Physical Education</b>	Boys—We are learning to improve our basketball, table tennis and badminton performance by improving our skills in both isolated and conditioned practices. Pupils will have the opportunity to learn the correct technique of each individual skill and apply it in small-sided game situations. Pupils will be assessed individually against set PE criteria and provided with regular feedback on their performance. Girls—We are learning to improve our netball performance by improving our passing, shooting, footwork, dodging and intercepting skills in both isolated and conditioned practices. Pupils will have the opportunity to learn the correct technique of each individual skill and apply it in small-sided game situations. Pupils will be assessed individually against set netball criteria and provided with feedback on their performance.
<b>BTEC Sport</b>	We are learning about the qualities, attributes and responsibilities that are required of a good sports leader. Pupils will complete two posters describing and explaining these skills using sports examples to full detail their work. Pupils will also compare and contrast two sports leaders and how they have become successful coaches. Pupils will be assessed by classwork and homework to a Pass, Merit or Distinction standard.
<b>Personal Development (Registration)</b>	We are learning to belonging, differences and inequality through delivery of the Celebrating Differences unit. We will be discussing topics such as equality in the workplace, in society, in relationships and in vulnerable groups. We will also look at power and control.
<b>Personal Development</b>	We are learning to understand self identity through delivery of the 'Being Me in My World' unit. We will be discussing topics such as human rights, societal freedom, understanding safety in the UK and beyond, ending relationships safely, stages of grief, loss and bereavement, social media and culture, use of online data, threats to online safety, online identity and assessing and managing risk. At the end of the unit, pupils will be assessed on their knowledge and understanding of the how to deal with the scenarios covered and laws where applicable.