

# Autumn term 2023- what we are learning in year 10

## Faculty of English, literacy and communication

### What will your child be learning?

Learners will first study the play, 'Macbeth' written by William Shakespeare. Through the exploration of key themes, they will focus on the presentation of the character and the textual evidence they have to support this. Next, learners will study two poems that are linked by a topic and make comparisons across both poems. Both texts will require an NEA piece of work that reflects their understanding on the topic.

For the second text, pupils will be studying 'Of Mice and Men' by John Steinbeck. Here, we will be looking at characters, themes and context along with the key events within the text.

### What can you do to help?

Learners should be encouraged to use BBC Bitesize to further develop their understanding. They should also independently revise contextual information linked to William Shakespeare and the play they study and make use of the revision material uploaded on Google Classroom.

## Faculty of mathematics and numeracy

### Mathematics and numeracy

### What will your child be learning?

During this term your child will be learning to develop knowledge, skills and understanding of mathematical methods and concepts; and acquire and use problem-solving strategies. If they are following the foundation course they will be reviewing their number work, calculating with percentages (including percentage increase and decrease) and finding areas and perimeters of shapes. For pupils who follow the intermediate course; they will calculating error bounds and estimating, calculating with percentages, including repeated percentage change, finding areas of shapes including circles and using proportion to adapt a recipe and use this to solve problems. For pupils who are following the higher tier course they will be working with indices and writing very large and small numbers in standard form, finding sides and angles in triangles using trigonometry, calculating sides, areas and volumes of similar shapes and calculating lengths of arcs and areas of sectors.

### What can you do to help?

Ensure your child is making full use of the resources available to them on the google classroom, where they will find links to videos and websites to support them. This will enable them to review lessons and consolidate their learning. They need to ensure they are completing all set work on the Google Classroom by the set deadlines.

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## Faculty of mathematics and numeracy

### Enterprise and financial education

#### What will your child be learning?

Throughout the year, learners will be working towards a qualification by the London Bank of Institute and Finance developing their financial understanding. During this term they will be exploring various aspects of finance including; money management solutions, the benefits of credit and debit cards, debt management, exchange rates and understanding the sources of money. Your child will also be completing the first part of their enterprise qualification, developing their entrepreneurial mindset and understanding. They will be researching local and national entrepreneurs and exploring their mindset and the skills required to start their own business. We are striving to help our students become ethical, informed citizens who are ready for all aspects of financial independence and the entrepreneurial world.

#### What can you do to help?

For the financial education your child will have been given a username and password to access all the material needed for the course. Included on here are all the class notes, short quizzes and mock questions. All of which can be accessed at home via the website [www.libf.ac.uk](http://www.libf.ac.uk) Login in by clicking in the top right hand corner and then go to the blue block to 'Access your Brightspace course websites' All work for the enterprise, including any deadlines for submission of work, will be on their Google Classroom.

### Business studies

#### What will your child be learning?

This unit introduces the pupils to the language and terminology used in business. They will explore different types of business ownership and how they relate to the size and scale of a business. They will also explore how the type of ownership impacts on the responsibilities of the owners of a business. By combining all this with looking at different types of business model, you will begin to understand how diverse the world of business is.

#### What can you do to help?

Ensure all final drafts have been submitted to google classroom for final marking by the deadline given. All notes and information that is needed for completion of tasks are available on their Google Classroom.



# Autumn term 2023- what we are learning in year 10

## Faculty of STEM

### What will your child be learning?

#### Biology

Your child is studying WJEC triple award biology. They will be working on unit 1 across the year and sit an examination in this in May. This term they will be studying the topics of:

- Cells and movements across membranes
- Respiration and the respiratory system in humans
- Digestion and the digestive system in humans
- The circulatory system in humans

#### Chemistry

Your child is studying WJEC triple award chemistry . They will be working on unit 1 across the year and sit an examination in this in May.

- This term they will be studying the topics of:
- The nature of substances and chemical reactions Atomic structure and the Periodic Table
- Water
- The ever-changing Earth

#### Physics

Your child is studying WJEC triple award physics. They will be working on unit 1 across the year and sit an examination in this in May. This term they will be studying the topics of:

- Electric circuits
- Generating electricity
- Making use of energy
- Domestic energy
- Features of waves

### What can you do to help?

All work can be accessed on the Google Classroom and pupils should be accessing this at home to recap the work they have undertaken in class and to complete the independent learning sheets.

Information and course guidance can be found at:  
[https://www.wjec.co.uk/qualifications/biology-gcse/#tab\\_keydocuments](https://www.wjec.co.uk/qualifications/biology-gcse/#tab_keydocuments)

[https://www.wjec.co.uk/qualifications/chemistry-gcse/#tab\\_keydocuments](https://www.wjec.co.uk/qualifications/chemistry-gcse/#tab_keydocuments)

[https://www.wjec.co.uk/qualifications/physics-gcse/#tab\\_keydocuments](https://www.wjec.co.uk/qualifications/physics-gcse/#tab_keydocuments)



# Autumn term 2023- what we are learning in year 10

## Faculty of STEM

### Engineering

#### What will your child be learning?

Pupils begin the course by learning the fundamentals of health and safety practices and legislation. Pupils learn about the different types of hazard and warning signage and their meanings. They develop an in-depth understanding of the health and safety at work act and other legislation such as RIDDOR, COSHH and PPE regulations. They describe why these are necessary in an engineering context and explain how hazards can be reduced and accidents and emergencies mitigated. Alongside this, pupils will have the opportunity to develop their practical skills using basic hand tools and machinery to make a number of small items. They will consolidate their learning by completing the Unit 3 assignment in health and safety which is 25% of the final qualification grade.

#### What can you do to help?

All work can be accessed on the Google Classroom and pupils should be accessing this at home to recap the work they have undertaken in class and to complete the independent learning sheets. There are practice papers on this area too and pupils should be completing these. You could ask to see them and maybe mark them with them discussing the answers.

### Digital technology

#### What will your child be learning?

Pupils will begin a course in WJEC digital technology this term. This is a broad -based qualification that allows pupils to further develop and build on their digital skills. In this term pupils will develop their skills and knowledge on digital technology systems, the value of digital technology and perspective on digital technology. These topics build the necessary skills to access the examination; the digital world. Within the lesson they will be learning the new skills and will be assessed on the skills using a range of question type assessments.

#### What can you do to help?

All work can be accessed on the Google Classroom and pupils should be accessing this at home to recap the work they have undertaken in class and to complete the independent learning sheets. Past papers can be found at: [https://www.wjec.co.uk/qualifications/digital-technology-gcse/#tab\\_keydocuments](https://www.wjec.co.uk/qualifications/digital-technology-gcse/#tab_keydocuments)

### Food and nutrition

#### What will your child be learning?

Pupils begin the course by learning the fundamentals of food hygiene and safety. Pupils will learn about the different kinds of pathogens present in food and compare low risk and high risk food sources. They will develop an in-depth understanding of how food spoilage and contamination can occur and the conditions that lead to this. Developing a secure understanding of how to prepare and store food safely will be integral to their learning. They will then apply this knowledge when developing skills in food preparation such as knife skills. Following on from this, pupils will study the topic 'fruit and vegetables'. They will learn all about the role of fruit and vegetables in the diet, from sources and nutrients to how to cook and prepare fruits and vegetables to reduce vitamin loss.

#### What can you do to help?

All work can be accessed on the Google Classroom and pupils should be accessing this at home to recap the work they have undertaken in class and to complete the independent learning sheets.

# Autumn term 2023- what we are learning in year 10

## Faculty of languages and culture

### Welsh

#### What will your child be learning?

In year 10 we continue to look at the GCSE course, looking at the theme 'Cymru a'r byd' (Wales and the World). Pupils are working on developing their grammatical and language skills whilst studying the topics of Wales and the area we live in, Welsh Culture, bilingualism & famous Welsh people. Pupils are developing their translation, correction, oracy and extended writing skills. During the year pupils will complete assessments in all 3 skill areas, oracy, reading and writing. Pupils will continue to develop key grammar terms and how to form the present, conditional, future and past tenses. They apply these rules to create phrases to write and speak about the topic as well as to understand written texts.

#### What can you do to help?

Pupils should use the GCSEPods on the Google Classroom to support the learning of topical vocabulary. They should also complete all independent learning tasks set, these will be uploaded to the Google Classroom and will support the development of skills as well as building vocabulary and improving grammatical accuracy. Pupils are also able to use free online learning resources such as Quizlet and Duolingo to build their vocabulary and gain confidence in speaking aloud. Further information about the course, as well as blended learning tools are available at:  
[https://www.wjec.co.uk/qualifications/welsh-second-language-gcse/#tab\\_keydocuments](https://www.wjec.co.uk/qualifications/welsh-second-language-gcse/#tab_keydocuments)

### Spanish

#### What will your child be learning?

In year 10 we begin the GCSE specification for Spanish. We begin with the theme of identity and culture followed by the Wales and the wider world, considering our local area and the environment. Throughout the various topics we will cover, pupils' skills will be developed in preparation for the examinations at the end of year 11. These skills are speaking, listening, reading and writing. This development is facilitated through a range of activities including translations, comprehension activities, extended writing pieces and role play speaking activities. We will also cover key grammatical areas such as conjugating into multiple tenses and communicating in third and second person.

#### What can you do to help?

Online language learning platforms such as Duolingo and Quizlet provide plenty of opportunities for language development. Pupils can also access Spanish language television programmes, films and music to become used to the spoken Spanish language. Independent learning tasks and further revision can be found on Google Classroom.



# Autumn term 2023- what we are learning in year 10

## Faculty of languages and culture

### What will your child be learning?

#### Drama

Your child will begin the level 2 drama course by focusing on assessing and refining a wide variety of performance skills. They will then apply these to a short performance from the play "Fault" this will be used as the baseline assessment from which they will endeavour to develop and improve their confidence and performance skills. We will then be devising work using the various explorative strategies needed for the course. We will use a wide variety of texts and stimulus to develop our ideas for performance.

#### Music Performance

The beginning of the music course is fast paced covering a variety of genres and skills in order to develop pupils subject knowledge. Pupils then complete the topic "The Perfect Song" during which they select, develop, rehearse and refine one solo performance piece. This is then used as the baseline assessment. From this pupils will reflect upon their progress and set targets for improvement.

### What can you do to help?

Support your child with completing their weekly rehearsal log focussing on the progress they have made in class. All work is shared on google classroom.

### What will your child be learning?

#### Photography

Your child will be following the WJEC endorsed photography specification. They will be creating a personal portfolio that covers the four assessment objectives. They will study a breadth of photographers, explore various ways to take photographs , techniques and editing processes and create personal responses through original photography and artwork.

#### Art

Your child will be following the WJEC Art and Design specification. They will be creating a personal portfolio that covers the four assessment objectives. They will study a breadth of artists, explore various materials and art making processes, developing their recording and drawing skills and create personal responses through original artwork.

### What can you do to help?

Support the completion of home tasks that will be available through Google Classroom and by encouraging your child to take photographs in preparation for in school lessons. Pupils will work on a digital portfolio that can be accessed at home and there is an expectation to complete tasks outside of lesson time.

In art, pupils will be expected to take their sketchbooks home.

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## Faculty of life

### Health and social care

#### What will your child be learning?

During year 10 your child will study unit 1 of the health and social care GCSE. During the first term, pupils will study the physical, intellectual, emotional and social changes that take place throughout each life stage. They will investigate inherited genetic conditions, long and short term conditions and the importance of immunisation and regular screening.

#### How can you help?

You can support your child by discussing your experiences of the changes that take place through the life stages. The following web link provides an excellent source of support for each step of this unit of work: <https://www.healthandcarelearning.wales/resources/gcse-hsc-childcare-double-award-unit-1-211-human-development-across-the-lifecycle/>

### RVE

#### What will your child be learning?

During the autumn term we have been exploring what our own worldviews are, consider the factors that influence us and the opinions that we have. We are exploring the 'lens' of people of religious and non-religious beliefs, and consider the influences that their beliefs may have on their behaviours, lifestyle and opinions, and making comparisons. Next term, we will be exploring representation of beliefs in film, music and literature and exploring our own worldview on the topics and considering how these may influence us, and vice versa.

#### How can you help?

Discuss in-school learning and share your opinions, and consider what factors influence why our opinions may be different to each other. Support independent learning tasks, as these all support learning and progress towards the qualification.

### History

#### What will your child be learning?

This unit explores the changes taking place in the USA during 1910-1929. Pupils will investigate a range of topics such as the changing role of women, the economic boom and bust, and popular culture. It is assessed via a written examination comprising a range of question types, such as source analysis and recall of knowledge and understanding. Pupils will sit this examination in the summer term of year 10 and is worth 25% of the overall grade.

#### How can you help?

Knowledge organisers have been provided in class. Past papers and course information can be found at: [Information and course guidance can be found at: https://www.wjec.co.uk/qualifications/history-gcse/#tab\\_keydocuments](https://www.wjec.co.uk/qualifications/history-gcse/#tab_keydocuments)

Further revision notes are posted in the Google Classroom page. The class code is: jkxqjjj

BBC Bitesize revision notes and quizzes can be found at: <https://www.bbc.co.uk/bitesize/topics/zyyc3k7>



# Autumn term 2023- what we are learning in year 10

## Faculty of life

### Physical Education

#### What will your child be learning?

Your child will undertake an introduction to physical education that will begin by looking at 'exercise physiology'. They will write a personal fitness programme that will incorporate a self analysis of their current fitness level and their recommendations to improve their fitness and performance in a major activity of their choice.

#### How can you help?

You can support your child by discussing the importance of exercise on our everyday health and well-being and encouraging them to complete the tasks that are set on Google Classroom to the best of their ability.

### Well-being

#### What will your child be learning?

Pupils will participate in a range of activities to improve their physical, mental and emotional well-being.

#### How can you help?

Please ensure that your child brings and wears the correct PE kit to these lessons. You could also discuss the benefits of regular physical activity and explain how this reduces the risk of illness both in the short and long term and how it is linked to positive mental health outcomes. You could also explore the type of physical activity that your child enjoys most and help them to incorporate that into their weekly routines.

### Skills

#### What will your child be learning?

During this term your child will undertake a unit of unit of work on enterprise and employability. They will investigate entrepreneurship and work in teams to set up their own chocolate business. The unit ends with pupils delivering a 'pitch' of their business to a panel of judges. This challenge helps to develop their team work, leadership, planning and organisation, creativity and innovation, personal effectiveness, numeracy and digital literacy skills. This aspect of the qualification is worth 25% of the overall marks and will continue through to the end of the Christmas term.

#### How can you help?

You can support your child by sharing any knowledge and experience you have with the world of work and in particular enterprise and how you might go about setting up your own business. Part of this work will involved primary research where they investigate the wants and needs of their target audience in order to produce a product or service that will meet demand. You could support them by undertaking their questionnaires and agreeing to be interviewed as part of the process.

