

## Faculty of English, literacy and communication

### English literature

#### What will your child be learning?

Pupils will be studying a novel and exploring language, context and structure impact the audience and readers in preparation for the summer examination series. This texts include 'An Inspector Calls' and 'Heroes'. Through these, we will look at themes, character and context in order to produce analytical pieces of writing. We will also be looking to complete a non-examination assessment based on Macbeth, written by William Shakespeare

#### What can you do to help at home?

Pupils should be encouraged to use BBC Bitesize to further develop their understanding. Watching An Inspector Calls at the theatre or on film. Asking about the plot, character and themes of the texts. Encourage the use of Google Classroom for past papers and addition sites that help with revision eg. RSC and the Globe Theatre.

## 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 calculating angles on lines and in triangles, drawing and interpreting various graphs including conversion and scatter graphs. For pupils who follow the intermediate course; they will be finding angles on parallel lines, using Pythagoras theorem to find lengths of sides in right angled triangles and using trigonometry to find missing sides and angles. For pupils who are following the higher tier course they will be calculating percentage increase and decrease using multipliers and using this to calculate compound interest. Work will also be completed on finding volumes and surface areas of various shapes including cylinders, spheres and cones.

#### What can you do to help at home?

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.

### Business studies

#### What will your child be learning?

During this term your child will develop their understanding of how factors and trends in the current political and business environment can impact a small, start up business. They will continue to develop their skills through team tasks as well as reviewing case studies of businesses to see the impact external decisions on businesses.

They will also broaden their understanding of key financial terminology and explore tools used by businesses to ensure success.

#### What can you do to help at home?

Ensure that your child is completing independent learning tasks as well as revising work from lessons ahead of their mock assessments. Discussing the use of a budget for household bills and food shopping would also help their learning on budgeting completed during lessons.

## Faculty of science and technology

### Science- 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: -

- \* Plants and photosynthesis
- \* Ecosystems, nutrient cycles and human impact on the environment

#### 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: -

- \* Rate of chemical change
- \* Limestone

#### 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: -

- \* The total internal reflection of waves
- \* Seismic waves
- \* Kinetic theory
- \* Electromagnetism

### What can you do to help at home?

In the first month of this term they will have a practical exam. This is worth 10% of the total grade. If you could support them at home in preparing for this. They will have revision notes and work for the exam will be on the Google Classroom. There is a wide range of resources on the Google Classroom that will support and develop their understanding of the units of the GCSE at home. You will find the resources from the lesson, WJEC past papers and questions and there are even blended learning videos they can access. If you could ensure they are accessing these regularly and using them to complete the independent work which has been designed to support them at home. Speaking with them about the work is also supportive, just having a chat over what they have learn using the Google Classroom together. This is a link to the WJEC biology website which will provide you with extra support in terms of past papers and resources;

[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)

### D.T: Food and Nutrition- What will your child be learning?

Pupils will continue to develop their knowledge and understanding of a variety of exam topics including the role of micro and macro nutrients in the diet. These include protein, carbohydrates, fats and vitamins and minerals. Pupils will investigate sources, the role of the nutrients in the diet including the impact of eating excessively or having a deficiency. Pupils will have many opportunities to learn about the functional properties of ingredients by completing a variety of practical tasks, including bread making, pasta making and protein based dishes. Each week students will cook at least one dish to fully prepare them for their assessment in year 11.

#### What can you do to help at home?

Pupils will weekly informed via Google classroom of the ingredients required for the next week dish they will prepare. Its is essential they check this and inform the member of staff if any issues. The following is a link to resources which can support them at home

WJEC resources: [https://www.wjec.co.uk/qualifications/food-and-nutrition-gcse/#tab\\_keydocuments](https://www.wjec.co.uk/qualifications/food-and-nutrition-gcse/#tab_keydocuments)

### Digital Technology-What will your child be learning?

In the second term pupils will develop knowledge, skills and understanding in integrating spreadsheet data and data-informed digital products. They will need to produce a portfolio of evidence to submit to the WJEC. Unit 2 contributes 40% towards their final GCSE qualification. They will be provided with opportunities to learn a digital product of their choice and apply analytical techniques to develop it and spreadsheets. They need to identify their target audience, research trends and needs of the product.

#### What can you do to help at home?

All work for unit 2 needs to be completed in lessons as it is assessment assignments. Discussing the progress of this work with your son/daughter and checking on the deadlines for each piece is essential. At home they should be completing the independent learning task which develop further the necessary skills for the GCSE examination. This is link to the WJEC GCSE website which will provide you with information on this course;

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

### Engineering-What will your child be learning?

Pupils will begin preparations for the unit 1 examination which takes place in the autumn term of year 11. Pupils will learn about the different engineering sectors and how different types of engineers often work together on large projects. Pupils will learn about specific engineering processes such as welding and the use of CNC technology. Alongside this, pupils will develop and apply their practical skills while completing a number of short projects.

#### What can you do to help at home?

Google Classroom will be fully resourced with the necessary support materials so that pupils can continue their learning outside of school. PLease ensure your child is regularly accessing the classroom and completing the tasks set. Discussing their learning with them is also a really helpful way of engaging in your child's learning and encourages pupils to participate fully in independent learning.

The following website is good resource for accessing additional information in relation to the topics covered:

<https://www.technologystudent.com/>

## Faculty of language and culture

### **Welsh - What will your child be learning?**

This term, we continue to look at the GCSE course, through the theme 'Cymru a'r byd' (Wales and the World). Pupils are working on developing their grammatical and language skills whilst studying the topics famous Welsh people and celebrations. Pupils are developing their translation, correction, oracy and extended writing skills. Working on all 3 skill areas of reading, writing and oracy, pupils will continue to develop key grammar terms with a focus on the third person, describing and extended opinion phrases. 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 at home?**

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://educationalresources.wjec.co.uk/en/Welsh%20second%20Language?\\_gl=1\\*9uzgyc\\*\\_ga\\*MjA4OTM3NjU3LjE2NzUzNTEyMjg.\\*\\_ga\\_WVT2ZYV72W\\*MTY4ODYzMTg4My4yOC4xLjE2ODg2MzE4ODkuMC4wLjA.&\\_ga=2.100860353.118565181.1688631884-208937657.1675351228](https://educationalresources.wjec.co.uk/en/Welsh%20second%20Language?_gl=1*9uzgyc*_ga*MjA4OTM3NjU3LjE2NzUzNTEyMjg.*_ga_WVT2ZYV72W*MTY4ODYzMTg4My4yOC4xLjE2ODg2MzE4ODkuMC4wLjA.&_ga=2.100860353.118565181.1688631884-208937657.1675351228)

### **Art - What will your child be learning?**

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 at home?**

Support the completion of home tasks that will be available through Google Classroom and by encouraging practice of drawing techniques and skills. Pupils will be expected to take sketchbooks home to complete tasks.

### **Photography - What will your child be learning?**

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.

### **What can you do to help at home?**

By supporting 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.

### **Performing Arts - What will your child be learning?**

In Year 10 of the BTEC Level 2 Performing Arts Course pupils complete 2 units: Unit 3 Acting/Music Skills and Unit 1 Individual Showcase, which is an externally set exam task. Throughout these units pupils develop key skills and refine their performance expertise applying them in formative assessment situations throughout the year. Pupils will then apply these skills in an individual performance unit which is externally set by the exam board. Areas of focus for this year of the course include: Acting Skills, Musical Performance Skills, Devising Theatre, TIE, Scripted Plays, Political Theatre, Pup Music, Musical Theatre, Production Design and Playwriting.

### **What can you do to help at home?**

Pupils will need support in the preparation and development of their roles and pieces for performance. The external exam requires two performances to be learnt off by heart so support at home with this would be highly beneficial.

## Faculty of life

### **Well-being- What will your child be learning?**

In term two, your child will participate in a range of activities to improve their physical, mental and emotional well-being. All pupils will develop key attributes on how to be a great leader in team sports and how to be a competent individual within individual sports. Pupils will apply themselves by developing their knowledge and understanding within sports by taking part in a variety of roles such as; performing, coaching and officiating. As a class, we will cover a variety of sports which will be traditional and non traditional, in order for your child to flourish under our new curriculum. Within the classroom, we will cover lessons on internet safety and online technology. The internet and online technology topic provides new opportunities for our pupils to learn and grow in a safe manner, but also investigates the variety of risks they could face online.

### **What can you do to help at home?**

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.

### **WBQ - What will your child be learning?**

Pupils will work together in teams to set up their own chocolate business. During this time they will need to organise their own meetings, produce action plans, set goals, demonstrate the 5Ps, produce promotional materials including the use of social media, provide evidence of financial planning, demonstrate methods of market research and prepare and deliver a pitch for their business proposal.

### **What can you do to help at home?**

Encourage your child to discuss their business idea and rehearse their 'pitch' with you at home. You could watch some episodes of Dragon's Den for examples of what a good presentation looks like.

### **GCSE PE - What will your child be learning?**

Your child will be undertaking and learning the skeletal system, muscular system, cardiovascular system, respiratory system, anaerobic and aerobic activity, short and long term effects of exercise, lever systems, planes and axes of movement, relationship between health, fitness and exercise, components of fitness and fitness testing, principles of training, methods of training, how to optimise training and prevent injury, effective use of warm up and cool down.

### **What can you do to help at home?**

All learning and revision materials will be posted on Google Classroom. You may view these and discuss the work with your child and offer advice on how to make improvements to their work.

### **BTEC Sport - What will your child be learning?**

During this term, your child will look at applying the principles of personal training. They will look at fitness testing protocols as well as study the muscular skeletal system including bones, joints and muscles. They will produce a 6 week training program to develop in one area. Your child will need to reference how goal setting can motivate an individual to achieve their goals and produce a diary to monitor their progress. They will evaluate the progress of their training programme by summarising the outcome of each session.

### **What can you do to help at home?**

All activities will be posted on Google Classroom where all learning and revision materials will be available. You will also need to ensure your child is up to date on recent developments in the sporting industry so conversations around sports coaching/leadership whilst an up to date idea of how training methods are used to get fit would be beneficial to improve the knowledge of your child in these areas of learning.

## Faculty of life

### **Health and social care - What will your child be learning?**

Unit 1: Human growth, development and well-being.

Pupils will gain knowledge and understanding of human development across the life cycle and the ways in which this may be affected. We will explore how individuals can take control of their care and health and well-being and how early intervention and prevention can support growth and development of individuals.

#### **What can you do to help at home?**

All materials, lessons and independent learning will be uploaded to google classroom so that the work may be accessed at your convenience.

### **RVE - What will your child be learning?**

During the spring term we will explore what our personal worldviews are, consider the factors that influence us and the opinions that we have. We will explore the 'lens' of people of religious and non-religious beliefs and consider the influences that their beliefs may have on our attitudes towards crime and justice. They will also consider whether our beliefs influence our laws and attitudes towards punishment in the UK and other countries.

#### **What can you do to help at home?**

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.