

Faculty of English, literacy and communication

English language

What will your child be learning?

To begin, your child will be studying a range of resources based on the topic 'Education'. As they explore these texts, there will be a different reading question focus from comparison to synthesis to ensure that all learners are fully prepared for unit 2. Learners will also have the opportunity to produce a number of different writing tasks that are part of the unit 2 examination.

During the second half of this term, pupils will focus on the skills found in unit 3 through a different topic. Again, they will explore a range of different texts and apply what they have learnt to a variety of reading questions. As part of the unit 3 writing tasks, learners will have opportunities to produce a number of different writing tasks which can include: speeches, letters, articles, reports and leaflets.

What can you do to help at home?

Make use of the WJEC website and resources. Learners should also be encouraged to use Google Classroom to complete their independent learning tasks.

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 using their algebraic skills to collect like terms, solve basic equations, expand brackets and factorise. For pupils who follow the intermediate course; they will be solving equations with brackets, expanding double brackets and factorising quadratics. For pupils who are following the higher tier course they will be drawing quadratic graphs and understanding the equations of straight lines. They will also be using circle theorems to find angles in and around the circle.

How can I help at home?

Ensure your child is making full use of the resources available to them on 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 deadlines, this aid recall of key facts and processes. Pupils should be completing 1-2 revision each week.

There are copies of past papers and revision tools available on their Google classroom and are available on www.mathsdiy.com

Help videos are available on the Ysgol Nantgwyn maths Youtube channel [@yngmathsyoutube9959](https://www.youtube.com/@yngmathsyoutube9959)

Business studies

What will your child be learning?

During this term pupils will be looking at how trends and the current business environment may impact on a business, planning an idea for a new business and presenting a business model for a business start-up.

What can you do to help at home?

Make use of the WJEC website and resources. Pupils should also be encouraged to use Google Classroom to complete their independent learning tasks.

Faculty of science and technology

Biology, chemistry and physics

What will your child be learning?

Biology:

Your child is studying WJEC triple award biology. They will be working on unit 2 across the year and sit an examination in this in May. This term they will be studying the topics of: -

- * The kidney and homeostasis
- * Microorganisms and disease

Chemistry:

Your child is studying WJEC triple award chemistry. They will be working on unit 2 across the year and sit an examination in this in May. This term they will be studying the topics of: -

- * Crude oil, fuels and organic chemistry
- * Reversible reactions, industrial processes and important chemicals

Physics:

Your child is studying WJEC triple award physics. They will be working on unit 2 across the year and sit an examination in this in May. This term they will be studying the topics of: -

- * Types of radiation
- * Half-life
- * Nuclear decay and nuclear energy

What can you do to help at home?

There is a wide range of resources on the Google Classroom that will support and develop pupil's understanding of the units of the GCSE at home.

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/physics-gcse/#tab_keydocuments

Engineering

What will your child be learning?

In the this term pupils will provide with the last opportunity to complete any outstanding work for their controlled assessments work for unit 2 and unit 3 . They will need to produce a portfolio of evidence to submit to the WJEC. Unit 2 contributes 40% and the unit 3 is 20% towards their final GCSE qualification. All work will need to be submitted by Easter.unit of work. They will look at the performance of an engineered product and make selection of the materials use and techniques used to manufacture it. All work for the course will need to be submitted by April.

What can you do to help at home?

All work for unit 2 and unit 3 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. ALL work will need to be completed by Easter and then it will be submitted to the WJEC. 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

Digital Technology

What will your child be learning?

The main focus of this term is to complete the coursework for unit 3. This unit is worth 20% of the final grade and they have been provided with practice work to access from home.

What can you do to help at home?

Faculty of language and culture

Spanish - What will your child be learning?

This term pupils will be covering key exam skills and revision techniques. We will be preparing the one chosen conversation for the unit one exam.

What can you do to help at home?

Pupils will have revision tasks to complete at home to cover all previously taught topics. As well as this, ensuring your child is signed up to, and uses, free language platforms such as Memrise, GCSEpod and Duolingo.

Welsh - What will your child be learning?

This term, Pupils are working on developing their grammatical and language skills through oracy work. They will recap and look at the topic of Technoleg in the first half term and smaller topics such as fashion, free time, school etc in preparation for their Unit 1 and 2 speaking and listening exams in the second half term. Pupils are developing their translation, correction, oracy and extended writing skills. During this term, pupils will complete 2 oracy examinations. Pupils will continue to develop key grammar terms and how to form a range of tenses whilst focusing on specific vocabulary for unit 1 and 2.

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

Art - What will your child be learning?

Your child will be creating a response to their chosen WJEC Art and Design examination question. They will be creating a personal response 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. The practical examination will take place in April and they must complete all preparation work before the examination day. A large part of the overall grade is in the preparation work.

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 creating a response to their chosen WJEC endorsed photography examination question They will be creating a personal response 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. The practical examination will take place in April and they must complete all preparation work before the examination day

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 be expected to take sketchbooks home to complete tasks.

Performing Arts - What will your child be learning?

Pupils are currently working on unit 2: Preparation Performance and Production. This unit is worth 25% of the course and is based on a published script. Pupils must endeavour to engage fully with all practical rehearsal activities and ensure their progress is documented in log books. We will then be moving on to unit 1: Individual Showcase which is an externally marked solo performance. Pupils should continue to prepare content for this unit.

What can you do to help at home?

You can support your child by encouraging them to learn dialogue and repertoire for their upcoming assessments. There is ALWAYS something they could be preparing and refining.

Faculty of life

WBQ - What will your child be learning?

Pupils select a topic of their choice to research, investigate and present. They analyse their research and write their findings in a 2000-word dissertation. This is an individual task where pupils develop their literacy, numeracy, digital literacy, problem solving, critical thinking, planning and organisation and personal effectiveness skills. This piece of work is worth 50% of the overall grade.

What can you do to help at home?

You can support your child by discussing a suitable topic for them to investigate. Ideally the topic should relate to an area in which they wish to continue to study, a field of work that they are keen to explore or a contemporary issue. Recent examples have included 'Does social media negatively affect our well-being?', 'Why is there a decline in the bee population?', 'Should the halo system be removed from formula one racing?' and 'Does racism still exist in the game of football?' For further information, please look at the following link and then look for 'promotional materials'.

https://www.wjec.co.uk/qualifications/welsh-baccalaureate-national-foundation/#tab_keydocuments

GCSE PE - What will your child be learning?

Your child has recently completed their final version of their personal fitness plan. This needs to be submitted after they have acted on the feedback given to them. During this term, your child will be undertaking and learning two modules which are sport psychology and anatomy and physiology. Additionally, pupils will need to be revising, practising past papers and undertaking revision techniques in order to prepare fully for the written exam in the summer term which will take place on Monday 19th May. For the practical aspect of the course, the pupils will be assessed in three different sports. One will be an individual sport and one will be a team sport. The third sport will be either an individual or team sport.

What can you do to help at home?

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.

BTEC Sport - What will your child be learning?

Pupils will look at applying the principles of personal training. They will look at fitness testing protocols as well as study the musculoskeletal system including bones joints and muscles. They will produce a 6 week training program to develop one area. They will need to reference how goal setting can motivate an individual to achieve their goals and will 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?

Pupils will be completing their coursework which is worth 60% of the final GCSE mark. This is an investigation into health and care service providers. Additionally, pupils will be revising all work studied to date and undertaking past paper practice in preparation for the summer exams.

What can you do to help at home?

All materials will be posted on Google Classroom. You may view these and discuss the work with your child. Additionally, you may support your child with the completion of their coursework which can be accessed via their Google drive.

History - What will your child be learning?

Your child will be studying the changes to health and medicine through time. They will explore the role of people who have helped aid the sick, and advances that have been made since the medieval period. This is a thematic study (unit 3), and the last unit we will be completing prior to the examination on the 10th June. Your child will investigate the roles of individuals in the past, such as Hippocrates, Joseph Lister and Aneurin Bevan. This unit links with our previous study, as we review the reasons why the NHS was established and reflect on whether knowledge of disease and treatment has changed through time.

What can you do to help at home?

Please encourage your child to use Google Classroom, and engage in the revision notes and retrieval activities in preparation for their examinations in the summer term, Knowledge organisers, past paper questions, powerpoints and video links have been added for each unit of study, and they are encouraged to complete the tasks to support their knowledge and skills.

RVE - What will your child be learning?

During the spring term we will explore what our own worldviews are, considering 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 their behaviours, lifestyle and opinions and then make comparisons. Your child will explore factors that contribute towards developing a healthy relationship and whether our own worldviews influence how we overcome any difficulties.

What can you do to help at home?

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