



**YSGOL BOTWNNOG**  
**KS 4 SUBJECT HANDBOOK - 2024-2026**



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## END OF YEAR 9 OPTIONS FOR KEY STAGE 4

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The time is fast approaching where your son / daughter will need to decide which subjects they wish to study further in years 10 and 11. This decision is an important one and we want our pupils to make the right decisions.

Students will choose from a wide range of subjects available in school and some which are being offered by Coleg Meirion Dwyfor, Pwllheli and Glynllifon. It is possible that some of these courses may not be available due to too few pupils showing an interest.

To help them make the correct decisions the school has several ways to share information with pupils and parents/guardians:

- Information about each topic is available in this handbook.
- Open evenings :
  - The **school** invites all pupils in year 9 and their parents/guardians to a **parents' evening, after Easter**, where they can discuss the subject choices with the relevant teachers (further information about this evening will be sent to you closer to the event).
  - **Coleg Meirion Dwyfor** will hold an open evening for parents and pupils who are interested in taking a **BTEC Agriculture, BTEC Engineering or BTEC Interactive Media course**.

Please feel free to contact school if you have any further questions on the subject selection process.

Before making decisions:

- Understand what decisions have to be made and why
- Discover all the facts
- Weigh up the facts carefully
- Accept advice and then make the decision that is right for you.

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## YEAR 10 AND 11 CURRICULUM

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Your son/daughter will be studying some compulsory subjects and will be able to choose 3 optional subjects.

### COMPULSORY SUBJECTS

- GCSE Welsh Language
- GCSE Welsh Literature\*
- GCSE English Language
- GCSE English Literature\*
- GCSE Mathematics - Numeracy
- GCSE Mathematics
- GCSE Double Science
- Welsh Baccalaureate Qualification

Some pupils may be studying for Entry Level Qualifications.

\* Some sets may not be studying Literature.

This booklet contains information about all of the courses that are offered.

There are also compulsory Physical Education lessons - these do not lead to a qualification.

We hope to be able to offer as many of these subjects as possible but if there is not enough interest in a subject then we will not be able to offer it.

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# WELSH LANGUAGE (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

This course will give you a sound foundation for future employment and help you to:

- Communicate effectively and correctly both orally and in writing;
- Contribute to discussions on various topics and respond to other people's views and opinions;
- Read and respond to literature and various publications;
- Write in different genres – whilst being aware of purpose, audience and the need to write correctly.

### HOW WILL I LEARN?

By having the opportunity:

- to participate in various oral tasks-individually and in groups conveying information on subjects and offering opinions on contemporary topics;
- to write for different audiences using various modes of language;
- to study a variety of reading material and compare authors points of view.

### HOW WILL I BE ASSESSED?

	Description	Value
<b>Unit 1</b>	<b>Non-examination assessment:</b> Oracy <ul style="list-style-type: none"><li>• Task 1 (15%) – Individual Researched Presentation</li><li>• Task 2 (15%) – Responding and Interacting</li></ul>	30%
<b>Unit 2</b>	<b>Examination:</b> Reading and Writing: Description, Narration and Exposition	35%
<b>Unit 3</b>	<b>Examination:</b> Reading and Writing: Argumentation, Persuasion and Instructional	35%

### WHAT HAPPENS AFTER THIS COURSE?

This course provides a solid foundation for future employment. You could also study Welsh for AS and A level at Coleg Meirion Dwyfor.

### JOB IDEAS

Any job dealing and communicating with people. Bilingual skills are basic and useful life skills. Job Ideas - Receptionists, Hotel Manager, Social Worker, Police, the Law, Journalist, Teacher, Office Work, Public Services, Medicine, Retail etc.

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# WELSH LITERATURE (GCSE)

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## LOCATED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

The course will help you to learn about:

- Literary material used for television, film, tape, disk;
- Skills necessary to appreciate literature and how to use language for effect;
- Welsh poets and novelists / writers of prose and their responses to the world around them.

### HOW WILL I LEARN?

- By reading and discussing the work of poets and writers.
- By comparing various texts looking at similarities and differences in attitude and opinions.
- By studying a module on 'Lit film' -adapting a book into a film.

### HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	<b>Examination:</b> Poetry Two exam papers are set – Higher Tier (A* - D) and Foundation Tier (C – G).	25%
Unit 2	<b>Examination:</b> Prose - Novel Two exam papers are set – Higher Tier (A* - D) and Foundation Tier (C – G).	25%
Unit 3	<b>Oral Examination:</b> Visual Literature (up to 20 minutes per group) Two exams are set – Higher Tier (A* - D) and Foundation Tier (C-G).	25%
Unit 4	<b>Non-examination Tasks</b> – Written Tasks	25%

### WHAT HAPPENS AFTER THIS COURSE?

You will realise that literature will be a means to widen your horizons; literature is relevant to day to day life and will alter the way you look at the world and its different cultures. You will be able to take AS/ A level Welsh in Coleg Meirion Dwyfor.

### JOB IDEAS

Almost any occupation which deals with people - plus jobs such as Translator, Social Worker, Librarian, Teacher, jobs in the Media and Film Industry, Public and Social Services.

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

# ENGLISH LANGUAGE (GCSE)

**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I LEARN?

During this course you will learn:

- to talk and listen in a variety of situations for different audiences and purposes;
- to read and answer questions on a variety of continuous and non-continuous texts ranging from description, narration, exposition, argumentation, persuasion and instructional texts;
- to write for a range of purposes using a variety of forms including description, narration, exposition, persuasion and argumentation;
- to proof-read and edit written tasks.

## HOW WILL I LEARN?

During this course you will complete Oracy, Reading and Writing tasks which will help you to:

- communicate clearly using Standard English grammar and vocabulary;
- work individually and in groups;
- read texts for understanding and with insight;
- write accurately and purposefully, using Standard English grammar and vocabulary.

## HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	<b>Non-examination assessment: Oracy</b> <ul style="list-style-type: none"><li>• Task 1 (10%) – <b>Individual Presentation</b></li><li>• Task 2 (10%) - <b>Group Discussion</b></li></ul> You will only have 1 week to prepare for each of these tasks.	20%
Unit 2	<b>Examination</b> to test your understanding and ability to answer questions on a range of descriptive, narrative and exposition texts – these will be continuous and non-continuous texts. You will be expected to be able to proof-read and edit texts. You will need to write either a descriptive, narrative or exposition piece.	40%
Unit 3	<b>Examination</b> to test your understanding and ability to answer questions on a range of argumentation, persuasion and instructional texts – these will be continuous and non-continuous texts. You will be expected to write BOTH an argumentation and persuasive piece.	40%

## WHAT HAPPENS AFTER THIS COURSE?

You could go on to study AS/A Level English.

## JOB IDEAS ARE ENDLESS

Author, Care Assistant, Careers Adviser, Childcare Assistant, Hotel Manager/ Receptionist, Journalist, Office work, Librarian, Police Force, Magazine Editor, Nurse, Social Worker, Solicitor, Speech Therapist, Teacher, Television /Radio Presenter, Translator etc.

## WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

# ENGLISH LITERATURE (GCSE)

## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

This course will help you to explore your literary interests and to be enthusiastic, responsive and knowledgeable readers. You will be given an opportunity:

- to read, understand and respond to a wide range of literary texts;
- to appreciate ways in which authors use language to achieve effects;
- to develop skills necessary for analysing and criticising literature;
- to be aware of the social, historical and cultural contexts of texts and their influences.

### HOW WILL I LEARN?

During this course, you will complete a wide variety of classwork and homework tasks which will teach you how:

- to respond in detail to Prose, Poetry and Drama texts in both a critical and sensitive way;
- refer to the texts to support your points/opinions;
- to explore how the language, structure and form of texts contribute to the text's meaning;
- to compare and contrast texts, showing how they are similar and different;
- to relate texts to their social, cultural and historical contexts and literary traditions.

### HOW WILL I BE ASSESSED?

	Description	Value
<b>Unit 1</b>	<b>Examination:</b> Here you will study 1 piece of prose (a novel from Other Cultures) and Contemporary Poetry. There will be 1 context question and 1 essay question on the novel. There will be 1 question requiring the close analysis /comparison of two unseen poems.	35%
<b>Unit 2</b>	<b>Examination:</b> Here you will study a Contemporary Drama and a Literary Heritage Prose (Novel): There will be 1 context question and 1 essay question on the Drama. There will be one context question and 1 essay question on the Prose text (novel).	40%
<b>Unit 3</b>	<b>Non-Examination Assessment:</b> You will have 2 essays/assignments to complete on a theme chosen by WJEC. The first assessment will be on a Shakespeare play and the second on Poetry written by Welsh poets.	25%

### WHAT HAPPENS AFTER THIS COURSE?

You could go on to study AS/A/Level English Literature or a combination of AS/A Level English/English Literature at Coleg Meirion Dwyfor.

### JOB IDEAS

Author, Book Seller, Journalist, Magazine/Newspaper Editor, Librarian, Television Presenter, Social Worker, Solicitor, Teacher etc.

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# MATHEMATICS - NUMERACY (GCSE) & MATHEMATICS (GCSE)

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YOU WILL BE STUDYING FOR TWO GCSE'S - MATHEMATICS (NUMERACY) AND MATHEMATICS

## WHAT WILL I LEARN?

### MATHEMATICS - NUMERACY

This course will help you to learn:

- about number skills used in everyday life;
- how to solve problems using Mathematics;
- how to calculate using different types of numbers and use those skills to solve problems;
- how to use some aspects of algebra to solve problems;
- how to use mathematical methods to solve measurement and geometry problems;
- how to handle data and statistics.

### MATHEMATICS (GCSE)

This course will use all the content of the GCSE Mathematics - Numeracy and:

- Algebra skills will be developed further and some additional skills included;
- Geometry skills will be developed further;
- additional work on probability will be included.

## HOW WILL I LEARN?

The course develops skills by learning techniques, practising them and using them in context to solve problems.

## HOW WILL I BE ASSESSED?

		Description	Value
Mathematics - Numeracy	Unit 1	Examination non-calculator: 3 tiers - higher/intermediate/foundation	50%
	Unit 2	Examination with calculator: 3 tiers - higher/intermediate/foundation	50%
Mathematics	Unit 1	Examination non-calculator: 3 tiers - higher/intermediate/foundation	50%
	Unit 2	Examination with calculator: 3 tiers - higher/intermediate/foundation	50%

## WHAT WILL HAPPEN AFTER THIS COURSE?

You can carry on to study mathematics to AS/A level at Coleg Meirion Dwyfor.

GCSE Mathematics is an essential qualification to gain access to many courses in colleges and universities.

## IDEAS FOR JOBS

- Actuary
- Engineering
- Architect
- Surveyor
- Mathematics Teacher
- Accountant
- Banking and Insurance Jobs

## WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# DOUBLE SCIENCE (GCSE DOUBLE AWARD)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I BE LEARNING?

There are 6 units taught over a period of two years – 2 Biology units, 2 Chemistry units and 2 Physics units. There will also be one practical assessment carried out in year 11.

The course can be carried out at two levels, the Higher Tier (Grades A\* - D) or the Foundation Tier (Grades C – G), depending on the pupil's ability. It's a double award which means that successful completion of the course will lead to two GCSE grades.

### HOW WILL I LEARN?

The Double Science course will follow the WJEC examination board specifications. The ideas introduced will be developed over two years and will prepare the pupils to follow higher courses in the sciences.

### HOW WILL I BE ASSESSED?

	Year	Description	When	Value
Unit 1	10	Examination: Biology 1	June (end of year 10)	15%
Unit 2	10	Examination: Chemistry 1		15%
Unit 3	10	Examination: Physics 1		15%
Unit 4	11	Examination: Biology 2	June (end of year 11)	15%
Unit 5	11	Examination: Chemistry 2		15%
Unit 6	11	Examination: Physics 2		15%
Unit 7	11	Practical Assessment carried out in the lessons but externally assessed.	January (Year 11)	10%

### WHAT WILL HAPPEN AFTER THIS COURSE?

After Year 11 it will then be possible to study the subjects Biology, Chemistry or Physics to A level standard. Or it could be possible to start a NVQ or Modern Apprenticeship at Level 2 or 3 in a related sector. This can then lead to studying a scientific subject at University or for work in a suitable role under supervision.

Even if Science does not appeal as a subject to study further, a good Science GCSE grade is important to gain access to many college courses.

### IDEAS FOR JOBS

- Engineer ( Mechanical, Civil, Electronic)
- Nursing
- Doctor, Dentist or Vet
- Astronomer
- Electrician
- Physiotherapist

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)



# WELSH BACCALAUREATE QUALIFICATION / SKILLS CHALLENGE CERTIFICATE

**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I BE LEARNING?

The central focus of the Welsh Baccalaureate is to consolidate and develop essential and employability skills. The qualification will help learners to prepare for their future by developing skills, attributes and behaviours valued by post-16 educators and potential employers. The emphasis in the Welsh Baccalaureate is on acquiring and applying a range of transferable skills.

## HOW WILL I LEARN?

### Skills Challenge Certificate

The Skills Challenge Certificate consists of four components:

- Individual Project
- Enterprise and Employability Challenge
- Global Citizenship Challenge
- Community Challenge

The project and two challenges have to be completed in order to succeed. The combined outcomes of the three components will determine whether the Skills Challenge Certificate, which is equivalent to one GCSE, is awarded at National (A\*-C) or Foundation (Pass\*/Pass) level.

### Welsh Baccalaureate Qualification

The Welsh Baccalaureate is based on a Skills Challenge Certificate alongside Supporting Qualifications. The requirements of both the Skills Challenge Certificate and Supporting Qualifications must be met in order to achieve the overarching Welsh Baccalaureate. The Supporting Qualifications include two mandatory GCSEs of English Language or Welsh Language together with Mathematics-Numeracy or Mathematics. A further three GCSEs, or equivalent are also required, of which two may be of equivalent qualifications. To meet the National Welsh Baccalaureate requirements all five of the Supporting Qualifications must be achieved at grades A\*-C. Similarly, for the Foundation Welsh Baccalaureate the Supporting Qualifications must be achieved at grades A\*-G.

## HOW WILL I BE ASSESSED?

Skills Challenge Certificate components	Weighting	Assessed Skills	Internal Assessment	External Moderation
Individual Project	50%	Planning and Organisation Critical Thinking and Problem Solving Digital Literacy	✓	✓
Enterprise and Employability Challenge	20%	Creativity and Innovation Personal Effectiveness Digital Literacy	✓	✓
Global Citizenship Challenge	15%	Critical Thinking and Problem Solving Creativity and Innovation	✓	✓
Community Challenge	15%	Planning and Organisation Personal Effectiveness	✓	✓

**The diagram on the next page shows the structure of the Skills Challenge and how it combines with other subjects to form the Welsh Baccalaureate Qualification.**

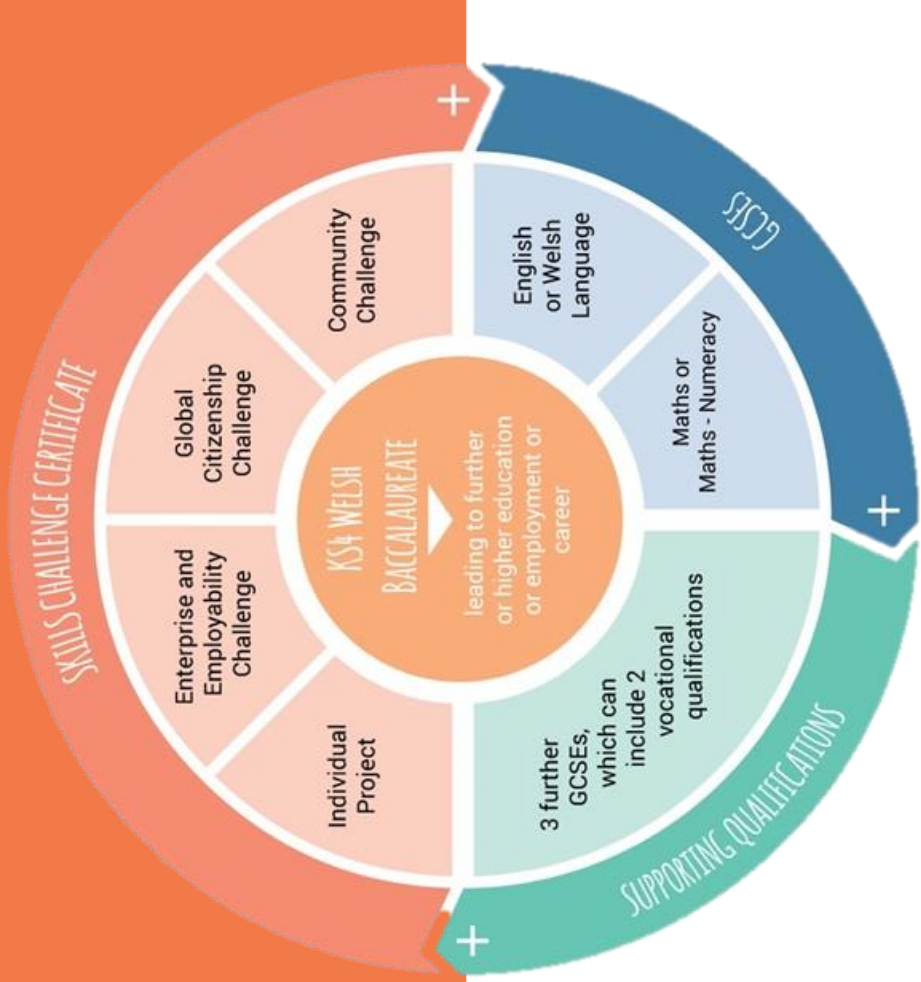
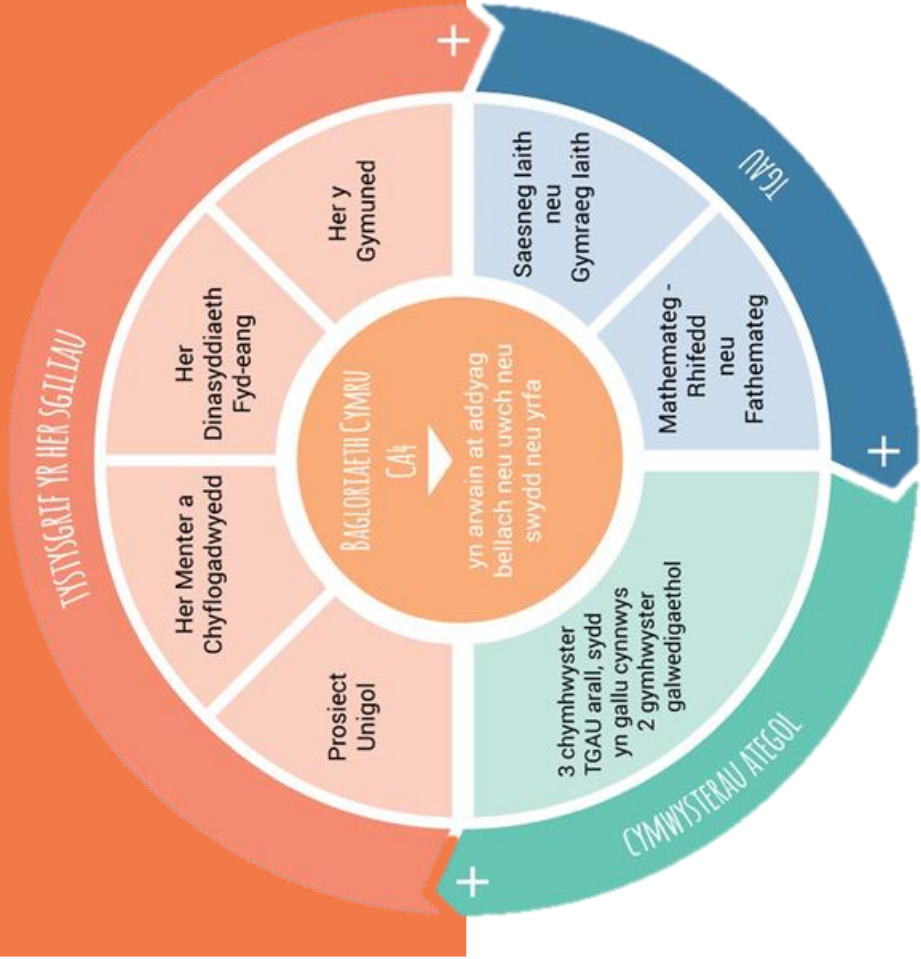
## WANT TO KNOW MORE?

To learn more about this course visit : <http://www.wjec.co.uk/>

# Bagloriaeth Cymru / Welsh Baccalaureate

## Tystysgrif Her Sgiliau / Skills Challenge Certificate

Cywerth ag UN TGAU / Equivalent to ONE GCSE



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## LIST OF OPTIONAL SUBJECTS

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We hope to be able to offer as many of these subjects as possible but if there is not enough interest in a subject then we will not be able to offer it.

- GCSE Physical Education
- Level 1/2 Constructing the Built Environment
- BTEC Agriculture
- GCSE Religious Studies / Religious Studies
- GCSE Business
- GCSE Food and Nutrition
- GCSE Art
- GCSE Music
- BTEC Creative Media
- GCSE Geography
- GCSE Drama
- GCSE Design and Technology - Product Design
- GCSE Design and Technology - Fashion and Textiles
- GCSE French
- GCSE Triple Science
- GCSE History
- GCSE Health and Social Care
- BTEC Engineering Level 2 / EAL Level 1 Certificate in Engineering
- GCSE Digital Technology
- Open - Personal and Social Education
- Open - Work Related Education
- Open - Wales, Europe and the World

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# PHYSICAL EDUCATION (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

The subject content focuses on five key areas:

- Health, training and exercise;
  - Exercise Physiology;
  - Movement analysis;
  - Psychology of sport and physical activity;
  - Socio-cultural issues in sport and physical activity.
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- All pupils considering to follow the course must note the following:
    1. During the course the pupils will participate in a fitness unit that will be part of their personal fitness programme.
    2. That they should endeavour to be a member of a school team and/or a sports club outside school and should attend practices regularly.
    3. The theory side of the course is demanding and takes over half of the course time.

### HOW WILL I LEARN?

The course is a mix of classroom and practical tasks. You will be assessed at the end of each of the theory units and each of the practical units.

### HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	Examination 2 hours	50%
Unit 2	<b>Practical Assessment</b> where you'll be assessed on three practical activities. One individual sport, one team sport and one other. One of the three activities will be a major activity which will have a personal fitness programme linked to the activity.	50%

### WHAT HAPPENS AFTER THIS COURSE?

After year 11, you could go on to complete the A Level course in Physical Education or a Sports Science BTEC course.

### JOB IDEAS

- Leisure Centre attendant or various leisure jobs
- Teacher
- Sports Coaching
- 5x60 officer
- Work at Outdoor Adventure Centres

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

# CONSTRUCTING THE BUILT ENVIRONMENT (LEVEL 1/2 AWARD)

**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I LEARN?

WJEC Level 1/2 Awards in *Constructing the Built Environment* offer a learning experience that focuses learning for years 10 & 11 through applied learning, i.e. acquiring and applying knowledge, skills and understanding through purposeful tasks set in sector or subject contexts that have many of the characteristics of real work. This qualification is equivalent to a GCSE.

## HOW WILL I LEARN?

**Unit 1:** Safety and Security in Construction In this examined unit you will study the nature and importance of safety and security in the construction industry. Fire extinguishers, safety signs, regulations and the law, hazards, risks and control measures all feature as content. You will need to apply your knowledge of safety and security to realistic construction situations.

**Unit 2:** Practical Construction Skills In this non-examined assessment unit (NEA) you will develop three separate construction skills. As a part of your assessment, you will complete construction tasks which will demonstrate your abilities in these skills.

**Unit 3:** Planning Construction Projects In this non-examined assessment unit (NEA) you will study the various stages of the project planning process, the types of jobs which exist within the industry and how construction work is costed.

## HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	External assessment (exam): Safety and security in construction	25%
Unit 2	Internal assessment: Practical construction skills	50%
Unit 3	Internal assessment: Planning construction projects	25%

## WHAT HAPPENS AFTER THIS COURSE?

Studying *Constructing the Built Environment* in years 10 and 11 could lead to many career paths – The choices include studying a level 3 constructing the built environment course at College, following an apprenticeship scheme with an employer. There is also a *Designing the built environment* course which could be studied that would be suited for students that might be interested in working in building planning, designing and architectural areas.

## JOB IDEAS

- Builder
- Tradesperson
- Labourer
- Multi skilled site worker

## WANT TO KNOW MORE?

To find out more about this course visit the following web page:

[www.wjec.co.uk](http://www.wjec.co.uk) or search for **Constructing the Built Environment WJEC** on the internet

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# AGRICULTURE (BTEC – LEVEL 2 EXTENDED CERTIFICATE - DOUBLE)

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## BASED AT: COLEG MEIRION DWYFOR - GLYNLLIFON

To do this course you will have to travel from Botwnnog to Glynllifon one afternoon a week. There are limited places available on this course.

## WHAT WILL I LEARN?

- Animal husbandry;
- Crop husbandry;
- Animal handling skills for example assisting to administrate, medicines, selecting stock and shearing;
- Estate skills for example fencing, hedge laying and dry stone walling;
- Health and safety in the workplace matters;
- Experiences of working in the agriculture industry.

## HOW WILL I LEARN?

The course is a partnership between Dwyfor secondary schools and Coleg Meirion Dwyfor, Glynllifon and is the equivalent of 2 GCSEs.

You will spend a full afternoon at Glynllifon site.

Your school will arrange free transport to and from Coleg Glynllifon.

This course is a mix of practical and classroom tasks and you will get a chance to prepare and practise your skills before you are assessed.

There will be a requirement to do some of the coursework away from the college.

## WHAT WILL I NEED

Dedication and discipline to work conscientiously and safely in a workplace environment

Personal Protective Equipment (safety boots, overalls and waterproof clothing)

## HOW WILL I BE ASSESSED?

You will produce work which is assessed by your course tutor and the examination board.

## WHAT HAPPENS AFTER THIS COURSE?

At the end of this course you can choose to follow either of the following pathways:-

- Full time Level 2 or Level 3 course in Agriculture at Glynllifon.
- Follow one of a variety of academic or vocational courses at one of Grŵp Llandrillo Menai sites.
- Work in the agriculture industry.

## JOB IDEAS

- Farm manager
- Farm worker
- Agricultural consultant
- Agricultural contractor

## WANT TO KNOW MORE?

Contact the college at Pwllheli on 01758 701385 or visit [www.edexcel.com](http://www.edexcel.com)

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# RELIGIOUS STUDIES (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

This course will help you to learn:

- about the role of religion in a local, national and worldwide context in a critical and enquiring approach;
- about the relevance of religion to the world around us which is fast becoming a multi-cultural society;
- how to enhance your spiritual and ethical development as you reflect upon religious values in the context of medical, environmental and social issues;
- how to reflect on and develop your own values and attitudes in the context of what you have learnt.

We will concentrate on religious beliefs and teachings from two specific religious viewpoints (mainly Christianity and Judaism) on e.g. life and death, good and evil, relationships and human rights – relevant themes and problems to the lives of young people today.

### HOW WILL I LEARN?

The course is a mix of classroom tasks and frequent tests. A wide ranging use of the key skills such as communication, problem solving, information technology, working with others, improving your own learning and performance will be an integral part of the various tasks.

### HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	<b>Examination:</b> Religion and Philosophical Themes <b>at the end of year 10</b>	50%
Unit 2	<b>Examination:</b> Religion and Ethical Themes <b>at the end of year 11</b>	50%

No official exam certificate will be awarded until the end of year 11.

There is no coursework – all depends on the exam results.

### WHAT HAPPENS AFTER THIS COURSE?

After Year 11, you could go on to complete the AS/A Level course in Religious Studies at Coleg Meirion Dwyfor or contribute towards a module within the Childcare Studies/Early Years. Your careers adviser will be able to help you with your choices when you leave school.

### JOB IDEAS

- Politician/Journalist
- Media/Marketing
- Nurse/Doctor
- Police Force/the Law
- Social Worker or Counselling
- Teaching

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# BUSINESS (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

This course is presented in six topic areas:

- Business activity - enterprise, planning, aims and objectives, ownership, growth, location;
- Influences on business - ethical, environmental, technological, economic, globalisation, legislation;
- Business operations - production, quality, sale process, supply chain;
- Finance - sources of finance, revenue and costs, profit and loss account, cash flow;
- Marketing - understanding customers, research, products available, price, promotion;
- Human resources - recruitment, training, motivation, organisational structures.

### HOW WILL I LEARN?

- Develop my knowledge of business through discussion, writing and learning notes, completing exercises and tests;
- Investigating different types of businesses.

### HOW WILL I BE ASSESSED?

This is a linear qualification where both exams will be done at the end of year 11. At least 10% of the overall marks available for the qualification will require a range of mathematical skills.

	Description	Value
<b>Unit 1</b>	<b>Examination:</b> Business World - A mix of short answer and structured questions	62.5%
<b>Unit 2</b>	<b>Examination:</b> Business Perceptions - Data response questions	37.5%

### WHAT HAPPENS AFTER THIS COURSE?

After Year 11, you could go on to pursue further Business courses from the choices available at the College.

### JOB IDEAS

- Administrative assistant
- Customer Service Assistant/Manager
- Sales Assistant
- Setting up your own business
- Finance assistant
- Accountant
- Banking or Insurance Work
- Working in industry

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)



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# FOOD AND NUTRITION (GCSE)

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**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I LEARN?

This course is designed so as to give each candidate an introduction to the food industry.

## HOW WILL I BE TAUGHT?

The course is divided into two sections as follows:

- **Unit 1** - The following topics will be studied - safe cooking skills; cooking techniques; chemical, functional and nutritional properties of food; diet, health and nutrition; production processes; food safety - processing and storage; culinary traditions' influence on food, food as a product e.g. meat, eggs, fruit and vegetables, cereals.
- **Unit 2** - Practical work is an essential part of the course during the two years and each pupil will be expected to cook on a regular basis. There are also scientific experiments involving food and nutrition.

## HOW WILL I BE ASSESSED?

	Description	Value
<b>Unit 1</b>	<b>Examination:</b> 1 paper 1½ hours	40%
<b>Unit 2</b>	<b>Practical Assessment</b> - two tasks: <ul style="list-style-type: none"><li>• Food Research Assessment (20%)</li><li>• Food Preparation Assessment (40%)</li></ul>	60%

## WHAT HAPPENS AFTER THIS COURSE?

This specification is intended to offer opportunities for progression through a variety of routes in further education (e.g. Advanced Level GCE, Diplomas), training (e.g. Modern Apprenticeships) or employment.

## IDEAS FOR JOBS

There are opportunities in the food science sector e.g. Officer with the Food Standards Agency, food technician in industry, working in the hospitality sector, restaurant manager. Jobs range from those that need no formal qualifications to others requiring training or qualifications up to degree level.

## WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# ART AND DESIGN (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

This course will help you to learn:

- a range of art, craft and design processes including two and/or three dimensions, traditional, new media and technologies;
- how ideas, feelings and meanings are conveyed and interpreted in images;
- how the knowledge and understanding of the work of others can develop and extend thinking and inform their own work;
- how images, artefacts and products relate to social, historical, vocational and cultural contexts;
- to research, analyse, experiment and interpret, aesthetic understanding and critical skills.

### HOW WILL I LEARN?

The following skills will be developed during the course.

- Critical understanding
- Creative making
- Reflective recording
- Personal presentation

### HOW WILL I BE ASSESSED?

The pupils will be assessed in Critical Understanding (25%); Creative Making (25%); Reflective Recording (25%) and Personal Presentation (25%).

	Description	Value
Unit 1	Portfolio of coursework	60%
Unit 2	Practical Assessment externally set: <ul style="list-style-type: none"><li>• Part 1 - Preparatory study period</li><li>• Part 2 - 10 hour period of sustained focus work</li></ul>	40%

### WHAT HAPPENS AFTER THIS COURSE?

After year 11 you can undertake "AS" (then A2) in Art and Design or a Diploma course. This will prepare you for a degree course at university in Art and Design or courses like Architecture.

### JOB IDEAS

- Advertising
- Web/Fashion/Graphic/Theatre Design
- Architecture
- Animation
- Art Therapy
- Community Art officer

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# MUSIC (GCSE)

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**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I LEARN?

This course will help you to learn:

- develop your skills, your understanding and enhance your enjoyment of all types of music;
- to develop your ability to communicate expressively and creatively;
- to develop your self-confidence and your performing skills as an individual or as a member of an ensemble (group);
- develop creative, analysis and evaluation skills.

## HOW WILL I LEARN?

The course is a mix of classroom and practical tasks. You will get a chance to prepare and practise your skills before you are assessed so that you know and understand what you will have to do. The course is separated into four areas of study:

- Musical Forms and Devices
- Music For Ensemble (group)
- Film Music
- Popular Music (Pop/Rock etc.)

## HOW WILL I BE ASSESSED?

	Description	Value
<b>Unit 1 Performing</b>	<b>Section A</b> - You will need to perform a minimum of two pieces, one of which will need to be a group piece. (30%) <b>Section B</b> - A programme note about one of the pieces you have performed. (5%)	35%
<b>Unit 2 Composing</b>	<b>Section A</b> - Two compositions, one of which is linked to the areas of study. (30%) <b>Section B</b> - An evaluation of the linked piece of music. (5%)	35%
<b>Unit 3 Appraising</b>	<b>Written Examination</b> - A listening exam which lasts one hour.	30%

## WHAT HAPPENS AFTER THIS COURSE?

After Year 11, you could go on to complete A/AS Level in Music or A/AS/BTEC in Music Technology. Other instrumental or vocal examinations are available. But, if you don't fancy carrying on with Music, you could choose other suitable qualifications depending on what you want to look at next. You will find that music will be a useful subject in whichever career you will follow. Your careers adviser will be able to help you with your choices when you leave school.

## JOB IDEAS

- Teaching opportunities in Primary & Secondary schools
- Instrument and Vocal Coaching
- Media – Presenting or Producing Television, Film, Radio or Theatre
- Performing as a professional musician in classical, music theatre or pop styles
- Composer of film, TV, songs or games music
- Nursing and care – Music Therapist
- Administration, tourism and entertainment officers

## WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# CREATIVE MEDIA PRODUCTION (BTEC – LEVEL 2 FIRST CERTIFICATE - EQUIVALENT TO 2 GCSE A\*-C)

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## BASED AT: COLEG MEIRION-DWYFOR AT PWLLHELI

To do this course you will have to travel by bus from Botwnnog to Pwllheli one afternoon a week. You will catch the college buses at 4:30 to return home. There are limited places available on this course.

## WHAT WILL I LEARN?

The Units on the course include:

- Digital Media Sectors and Audiences;
- Planning and Pitching a Digital Media Product;
- Digital publishing production; Digital Editing for Moving Image;
- Digital Photography for a Media Product;
- Digital Audio Editing;
- Graphic Design for Digital Media.

## HOW WILL I LEARN?

You will research how the media industry works, and how to produce digital products, by resolving problems and through presenting creative solutions that you have produced. You will create a short film, an animation, an interactive magazine, radio show and learn how to create a blog.

The units will be based on practical tasks, using industry standard software and using real life briefs.

## HOW WILL I BE ASSESSED?

All practical and theory work is graded as a Pass/Merit/Distinction according to the quality of the work being produced over the whole year. Two units of the qualification include a one hour exam.

## WHAT HAPPENS AFTER THIS COURSE?

If you pass the level 2, you can move on to a BTEC Level 3 Extended Diploma in Art & Design, or in BTEC in Media, AS Photography, Art & Design or Design & Technology.

## JOB IDEAS

Jobs in TV, film and radio, Games Design, Graphic design, Web design, Journalism, Photography

## WANT TO KNOW MORE?

Contact the college at Pwllheli on 01758 701385 or visit [www.edexcel.com](http://www.edexcel.com)

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# GEOGRAPHY (GCSE)

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**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I LEARN?

This course will help you to:

- learn about geographical concepts including location, interdependence, environmental interaction and human and physical processes;
- extend my understanding of geographical topics to include climate change, changes in population and plate tectonics;
- reinforce my field study skills and further develop numeracy, literacy, ICT, communication and to enable me to work independently, in pairs or as part of a group;
- understand what makes a good citizen and how to contribute to the sustainability of the Planet.

## HOW WILL I LEARN?

The course will develop your knowledge and understanding of geographical topics, and then you will be given the opportunity to practice through recollection.

## HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	<b>Examination:</b> Changing human and physical environments - 1.5 awr	40%
Unit 2	<b>Examination:</b> Development and environmental issues - 1.5 awr	40%
Unit 3	<b>Non-examination assessment:</b> Field Work Investigation - 2.5 awr	20%

## WHAT HAPPENS AFTER THIS COURSE?

After Year 11, you may go on to study the subject at AS/A level standard at a higher education establishment. It will also have given you a broad background for you to go on to study Leisure and Tourism. Your careers adviser will be able to help you with your choices when you leave school.

## JOB IDEAS

- Landscape Architect
- Recycling Officer
- Geography Teacher
- Countryside / Conservation Manager
- Countryside Ranger
- Geologist

## WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# DRAMA (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

This course will help you to learn:

- how to cooperate with others in group work;
- how to create a performance, through a process of rehearsals incorporating voice skills, movements and stage presence;
- how to evaluate your own performance work and that of others;
- how to stage a performance by studying technical skills such as: directing, costumes, lighting, sets, sound effects etc.;
- how to evaluate and write about published plays.

### HOW WILL I LEARN?

The course is a mix of written and practical tasks. You will work in a mixture of individual pair and group situations. You will be given the chance to prepare for your practical exams, before they are assessed. Before an acting exam you may have to rehearse after school and at weekends.

### HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	<b>Devising Theatre</b> - Work in groups to create, develop and perform a piece of devised theatre based on either the work of a theatre practitioner or a genre in response to a stimulus set by WJEC. Complete a written evaluation of the devised performance under formal supervision.	40%
Unit 2	<b>Performing Theatre</b> - Work in groups to study two ten minute extracts from a performance text and to perform an extract from the text.	20%
Unit 3	<b>Examination: Interpreting Theatre</b> - A series of questions on a set text and a theatre review based on one live theatre production seen during the course.	40%

### WHAT HAPPENS AFTER THIS COURSE?

After Year 11, you can Study A level Drama at Coleg Meirion Dwyfor or follow the Performing Arts course (BTEC) at Coleg Menai.

### JOB IDEAS

- Becoming an actor, singer or dancer
- Working for a television company as a camera man, sound technician or producer
- Working in a theatre in places like The West End
- Lecturing or teaching Drama
- Working as a television presenter etc.

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# DESIGN & TECHNOLOGY – PRODUCT DESIGN (GCSE)

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**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I LEARN?

This course will help you to learn about:

- developing, planning and communicating ideas;
- product analysis;
- sustainability;
- designers/practitioners;
- working with tools, equipment, materials and components to produce high quality products;
- commercial manufacturing processes;
- evaluate processes and products;
- materials and components;
- systems and processes.

## HOW WILL I LEARN?

The course is a mix of research, theory and practical tasks. The course is academic and is heavily rooted in developing research skills and learning about theory in year 10, which many previous students have not expected. Please be aware of this before choosing the course as there will be considerable focus on literacy skills in the first year of the course. You will get a chance to prepare and practise your practical skills doing 'mini design & make projects' before your controlled assessment task in year 11.

## HOW WILL I BE ASSESSED?

	Description	Value
<b>Unit 1</b>	<b>Examination</b> 2 hour written paper.	50%
<b>Unit 2</b>	<b>Non-examination Assessment</b> - Controlled assessment in year 11. You will choose one brief from three, which are set by WJEC. The work will be assessed by your teacher and then by an external moderator.	50%

## WHAT HAPPENS AFTER THIS COURSE?

After Year 11, you could follow an A level course in Design and Technology at Coleg Meirion Dwyfor or you could choose another course.

But, if you don't want to carry on with design & technology, you could choose other suitable qualifications. Your careers adviser will be able to help you with your choices when you leave school.

## JOB IDEAS

- In manufacturing - working in industry developing, producing and testing goods made out of plastics, metal, ceramics, glass, clay, wood, and textiles.
- Engineering industry - as an electrician or technician/engineer in the mechanical, civil, electrical or chemical engineering industry.
- Property surveyor - valuating, costing, managing, marketing and maintenance of land, buildings and other property.
- Carpenter and joiner - prepare and assemble items like staircases and doors for use on a building site. Site carpenters fit them into the buildings under construction, and does other timber work on site.
- In education: if you've enjoyed studying the subject, why not try teaching it to the next generation?

## WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# DESIGN & TECHNOLOGY – FASHION AND TEXTILES (GCSE)

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**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I LEARN?

This course will help you to learn about:

- developing, planning and communicating ideas;
- product analysis;
- sustainability;
- designers/practitioners;
- working with tools, equipment, materials and components to produce high quality products;
- commercial manufacturing processes;
- evaluate processes and products;
- materials and components, systems and processes.

## HOW WILL I LEARN?

The course is a mix of classroom and practical tasks. You will get a chance to prepare and practise your skills before your controlled assessment task in year 11.

## HOW WILL I BE ASSESSED?

	Description	Value
<b>Unit 1</b>	<b>Examination</b> 2 hour written paper.	50%
<b>Unit 2</b>	<b>Non-examination Assessment</b> - Controlled assessment in year 11. You will choose one brief from three, which are set by WJEC. The work will be assessed by your teacher and then by an external moderator.	50%

## WHAT HAPPENS AFTER THIS COURSE?

After Year 11 you can follow an A level course in Design and Technology or Art and Design at Coleg Meirion Dwyfor or you could choose a full-time vocational course. If you don't want to keep up with Design and Technology your Careers Adviser will be able to help you make your choice when you leave school.

## JOB IDEAS

- Fashion Designer
- Interior Designer
- Personal Planner
- Webwork Designer
- Teacher
- Quality Control Officer
- Seller
- Sewing Engineer
- Textile / Fashion Buyer
- Textile Designer
- Costume Designer

## WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)



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# FRENCH (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

The course will give you the opportunity to learn about the following:

- Identity and Culture (Personal and Social Life)
- Wales and the Wider World (The Local Community, my home town, the environment, France/ holidays and French speaking countries)
- Education, Employment and the Future (school, work experience, jobs, future careers)

### HOW WILL I LEARN

The course is taught in school over a period of 2-3 weekly lessons. The pupils are encouraged to experiment with fun ways of understanding and memorising vocabulary and sentence structures. This will be of great advantage to them to learn other languages later on. The following skills are developed throughout the course: Communication, Problem Solving, ICT, Working with others, Improving own learning and performance.

### HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	<b>Oral Examination:</b> Foundation or Higher (3 tasks- one role play, one discussion about a picture on a card and one discussion).	25%
Unit 2	<b>Written Examination:</b> Listening (Foundation or Higher)	25%
Unit 3	<b>Written Examination:</b> Reading (Foundation or Higher)	25%
Unit 4	<b>Written Examination:</b> Writing (Foundation or Higher)	25%

### WHAT HAPPENS AFTER THIS COURSE?

You can go on to follow an AS course (and then A2) in French. This would prepare you for a university degree in French or French combined with another subject. (Remember that some Universities in England require a GCSE grade in a Modern Language for a variety of courses.)

### JOB IDEAS

Languages take you further!

Languages are considered as a bonus for an increasing number of all kinds of subjects and jobs such as: Journalism, the Media, Tourism and travel, Medicine and Health care, Education, Business and Marketing, Finance, Fashion, Translating (telecommunications and web services), Call centres, Engineering, Estate Agent, Catering, Law...

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# TRIPLE SCIENCE (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I BE LEARNING?

The majority of the course is exactly the same as the Double Science Award. Most of the work will therefore be studied within these lessons. The additional topics that only appear in the specifications of the individual subjects will be taught in the extra Triple Science lessons.

There are 2 Biology Units, 2 Chemistry Units, 2 Physics Unit and a practical assessment in each subject.

The course can be carried out at two levels, the Higher Tier (Grades A\* - D) or the Foundation Tier (Grades C – G), depending on the pupil's ability. The successful completion of the course will lead to three GCSE grades.

### HOW WILL I LEARN?

The Triple Science course will follow the WJEC examination board specifications. The ideas introduced will be developed over two years and will prepare the pupils to follow higher courses in the sciences.

### HOW WILL I BE ASSESSED?

BIOLOGY	Year	Description	When	Value
Unit 1	10	Examination: Bioleg 1	June	45%
Unit 2	11	Examination: Bioleg 2	May	45%
Unit 3	11	Practical assessment	January	10%

CHEMISTRY	Year	Description	When	Value
Unit 1	10	Examination: Chemistry 1	June	45%
Unit 2	11	Examination: Chemistry 2	May	45%
Unit 3	11	Practical assessment	January	10%

PHYSICS	Year	Description	When	Value
Unit 1	10	Examination: Physics 1	June	45%
Unit 2	11	Examination: Physics 2	May	45%
Unit 3	11	Practical assessment	January	10%

### WHAT WILL HAPPEN AFTER THIS COURSE?

After Year 11 it will then be possible to study the subjects Biology, Chemistry or Physics to A level standard. Or it could be possible to start a NVQ or Modern Apprenticeship at Level 2 or 3 in a related sector. This can then lead to studying a scientific subject at University or for work in a suitable role under supervision.

#### IDEAS FOR JOBS

- Engineer ( Mechanical, Civil, Electronic) , Nursing, Doctor, Dentist or Vet, Astronomer, Electrician, Physiotherapist

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# HISTORY (GCSE)

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## BASED AT: YSGOL BOTWNNOG

### WHAT WILL I LEARN?

This course will help you to:

- learn about Wales and the wider perspective- Depression, War and Recovery, 1930-1951, – History with a European / world focus- Germany- 1919-1939 and Changes in Crime and Punishment, c.1500 to the present day
- develop your understanding of the way the past has been portrayed and interpreted. To gain knowledge and understanding of various periods and aspects in history, researching into the significance of certain events, changes and historical issues;
- reinforce research skills, communication, application of number, literacy, ICT, problem solving, working on you own and with others.

### HOW WILL I LEARN?

You will be developing your knowledge and understanding of various periods in history, there will be a series of classroom activities, before you will practice through recollection.

### HOW WILL I BE ASSESSED?

	Description	Value
Unit 1	<b>Examination:</b> Wales and the wider perspective - 'Depression, War and Recovery, 1930-1951'	25%
Unit 2	<b>Examination:</b> History with an European/World focus - 'Germany in Transition, 1919-1939'	25%
Unit 3	<b>Examination:</b> Changes in Crime and Punishment, c.1500 to the present day	30%
Unit 4	<b>Non-examination Assessment:</b> internally assessed controlled assessment.	20%

One of the exams will be in Year 10 and two exams will be at the end of Year 11.

### WHAT HAPPENS AFTER THIS COURSE WHAT HAPPENS AFTER THIS COURSE?

After Year 11, you may go on to study the subject at AS/A level standard at a higher education establishment. Your careers adviser will be able to help you with choices when you leave school.

### JOB IDEAS

- Archaeologist
- History Teacher
- Archivist
- Politician
- Researcher
- Lawyer
- Economist

### WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# HEALTH AND SOCIAL CARE, AND CHILDCARE (GCSE)

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**BASED AT: YSGOL BOTWNNOG**

## WHAT WILL I LEARN?

This course will help you to:

- Learn more about Health and Social Care, and Childcare.
- Gain an understanding of the social, physical, emotional, and cultural needs of people who use care and support services, and recognise that each individual has a unique blend of abilities and needs.
- Gain an understanding of how service provision in Wales supports the development and well-being of individuals, to be able to make informed decisions now and in later life.

## HOW WILL I LEARN?

You will be developing your knowledge and understanding of various periods in history, there will be a series of classroom activities, before you will practice through recollection.

## HOW WILL I BE ASSESSED?

	Description	Value
<b>Unit 1</b>	<b>Examination:</b> Human growth, development and well-being	40%
<b>Unit 2</b>	<b>Non-exam assessment:</b> Promoting and maintaining health and well-being	60%

## WHAT HAPPENS AFTER THIS COURSE WHAT HAPPENS AFTER THIS COURSE?

After Year 11, you may go on to study the subject at AS/A level standard. In addition, this specification provides a suitable foundation for a range of Level 2 or Level 3 qualifications within the Health and Social Care, and Childcare suite. Your careers adviser will be able to help you with choices when you leave school.

## JOB IDEAS

Social Worker

Youth Worker

Childminder

Nurse

Healthcare Assistant

Home Care Assistant

## WANT TO KNOW MORE?

Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# ENGINEERING (BTEC – LEVEL 2 - FIRST AWARD - EQUIVALENT TO 1 GCSE A\*-C)

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## BASED AT: COLEG MEIRION-DWYFOR AT PWLLHELI

To do this course you will have to travel by bus from Botwnnog to Pwllheli one afternoon a week. You will catch the college buses at 4:30 to return home. There are limited places available on this course.

## WHAT WILL I LEARN?

You will learn how to work safely and effectively in the Engineering field.

You will learn how to use Engineering hand and machine equipment to produce a number of items.

The units you will follow are:

- Unit 1 : The Engineering World (Exam)
- Unit 2 : Investigating an Engineering product (4 assignments)
- Unit 4 : Engineering Maintenance (4 assignments)
- Unit 6 : Computer Aided Engineering including Formula 1 in Schools Competition \*New for 2023

## HOW WILL I LEARN?

You will be taught by experienced Engineering lectures. 15% of the course will be taught through practical activities and 85% will be taught in the classroom.

## HOW WILL I BE ASSESSED?

There is an external online unit for one unit. The remaining work will be assessed through assignment and practical work.

## WHAT HAPPENS AFTER THIS COURSE?

Continue to study a further level 2 or level 3 course in the Engineering area.

Study other level 2 or level 3 courses.

Apprenticeships

## JOB IDEAS

- Mechanical Engineering Technician
- Marine Engineering Technician
- Production Engineer
- Maintenance Engineer

## WANT TO KNOW MORE?

Contact the college at Pwllheli on 01758 701385 or visit [www.edexcel.com](http://www.edexcel.com)

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# PERFORMING ENGINEERING OPERATIONS

## EAL LEVEL 1 NVQ CERTIFICATE EQUIVALENT TO 1 GCSE D-G)

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### BASED AT: COLEG MEIRION-DWYFOR AT PWLLHELI

To do this course you will have to travel by bus from Botwnnog to Pwllheli one afternoon a week. You will catch the college buses at 4:30 to return home. There are limited places available on this course.

### WHAT WILL I LEARN?

You will learn how to work safely and effectively in the Engineering field.

You will learn bench fitting & mechanical assembly techniques.

The units you will follow are:

- Unit 1 : Complying with statutory regulations and organisational safety requirements
- Unit 2 : Carrying out engineering activities efficiently and effectively
- Unit 3 : Using and communicating technical information
- Unit 4 : Making components using hand tools and fitting techniques
- Unit 5 : Assembling mechanical components

### HOW WILL I LEARN?

You will be able to learn through practical tasks in the workshops, there will also be written assessments to be completed in the classroom.

### HOW WILL I BE ASSESSED?

There will be 6 practical assessments, and paperwork to coincide with each piece of work, alongside 3 information tests.

### WHAT HAPPENS AFTER THIS COURSE?

You could progress to study 'Level 2 Engineering Craft' or 'Level 2 Marine Engineering' courses at the Hafan (Pwllheli).

### JOB IDEAS

- Engineer
- Fitter
- Maintenance
- Fabrication

### WANT TO KNOW MORE?

Contact the college at Pwllheli on 01758 701385

# DIGITAL TECHNOLOGY (GCSE)

## WHAT WILL I LEARN?

This WJEC GCSE specification in Digital Technology will enable learners to:

- become independent, confident and knowledgeable users of existing, new and emerging digital technologies
- develop knowledge of different digital technology systems used across a range of occupational sectors
- understand the impact digital technologies can have on individuals and wider society and the ways in which they can bring about change
- develop skills in organising and analysing data to identify trends and audiences
- become creators of digital products, in a variety of formats and for a variety of purposes, that meet specified, authentic needs
- develop transferable skills in using a range of hardware and software
- develop their understanding of the systems development life cycle and of how ideas can become products.

## HOW WILL I LEARN?

During this course you will learn develop and apply skills in the use of ICT software in a variety of contexts. Byddwch yn arbrofi gyda meddalwedd ac yn defnyddio'r meddalwedd i ddatrys problemau a osodir. Byddwch yn ymchwilio i'r defnydd o TGCH yn y cartref, ysgol, busnes a diwydiant.

## HOW WILL I BE ASSESSED?

	Disgrifiad	Gwerth
<b>Uned 1</b>	<b>The Digital World</b> <b>On-screen examination: 1 hour 30 minutes</b> In this unit learners will develop knowledge, skills and understanding in: <ul style="list-style-type: none"><li>• digital technology systems</li><li>• the value of digital technology</li><li>• perspectives on digital technology.</li></ul>	40%
<b>Uned 2</b>	<b>Digital practices</b> <b>Non-exam assessment: 45 hours</b> This non-exam assessment contains two sections. In Section A, candidates will interrogate a given data set imported into a spreadsheet in order to complete section B, where they will create a website that includes an animation or game which is linked to a specific context.	40%
<b>Uned 3</b>	<b>Communicating in the digital world</b> <b>Non-exam assessment: 15 hours</b> A non-exam assessment that focuses on marketing digital assets using social media. Candidates will create digital assets that are linked to specific context and then create a digital communication campaign.	20%

## BETH SY'N DIGWYDD AR ÔL Y CWRS HWN?

Following this course you could choose to study ICT or computing at A level, or any other course involving ICT.

## IDEAS FOR JOBS

- Web designer, ICT Technician, Games designer, Starting your own business, Systems Analyst, Software designer

## WANT TO KNOW MORE?

- Ask your Teachers, Careers Wales Advisor or visit [www.wjec.co.uk](http://www.wjec.co.uk)

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# AGORED CYMRU QUALIFICATIONS

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## THESE QUALIFICATIONS ARE MOST SUITABLE FOR PUPILS WHO ARE IN SET 3 IN THE CORE SUBJECTS

Agored Cymru offer two recognised but totally different qualifications that are the equivalent to two GCSEs at both level 2 (GCSE equivalent of a B grade) or level 1 (GCSE equivalent of a G grade).

Both Agored Cymru qualifications are completely assessed on course work with no examination element.

### Agored Cymru Certificate in Work Related Education

The Certificate in Work Related Education meets the needs of the Welsh Government's Careers and the World of Work: a framework for 11 to 19-year-olds in Wales.

The qualifications meet the different themes of personal achievement; seeking information; understanding the world of work; guidance; and making and implementing decisions.

The qualifications enable learners to be 'employment ready' and to contribute meaningfully within the workplace, whether in an employed or volunteering role.

The qualifications support learners to:

- realise their future aspirations through planning and exploring potential career and employment routes
- understand the skills, values and attitudes required for the workplace
- understand how their learning is relevant to their future.
- support and empower young people to develop their employability skills through the qualifications. This means that young people are ready for the demands of the workplace and employers have employees that meet their standards and expectations.

### Agored Cymru Certificate in Wales, Europe and the World

The Certificate in Wales, Europe and the World enables learners to develop their understanding of life in Wales, in the UK, in Europe along with Wales' place in the world.

The Window on Wales qualifications support the Welsh Government's Wales, Europe and the World: a framework for 14 to 19-year-old learners in Wales.

The qualifications support young people's learning across the political, social, economic and cultural elements within the framework.

Through the qualifications learners will be able to:

- understand how their lives are part of a local and global picture enabling them to know how political issues affect them
- understand how to make changes to improve the lives of others
- understand the effects of poverty and how wealth is created
- take part in cultural activities.



## **Agored Cymru Certificate in Personal and Social Education**

The qualifications are mapped to the Welsh Government's Personal and Social Education Framework for 7 to 19-year-olds in Wales(2008). Qualifications will be mapped to the Curriculum for Wales across the Areas of Learning and Experience.

Learners using these qualifications will be prepared for living their lives so that they can be healthy, confident, resilient and skilled individuals within their local and national community.

Learners will develop skills in the following areas:

- Skills development including resilience, assertiveness and critical thinking
- Equality and diversity
- Emotional health and wellbeing
- Substance misuse
- Sex and relationships
- Food and nutrition
- Society and community
- The environment and sustainability
- Community safety
- Ethics and morality
- Financial manage
- Physical Activity