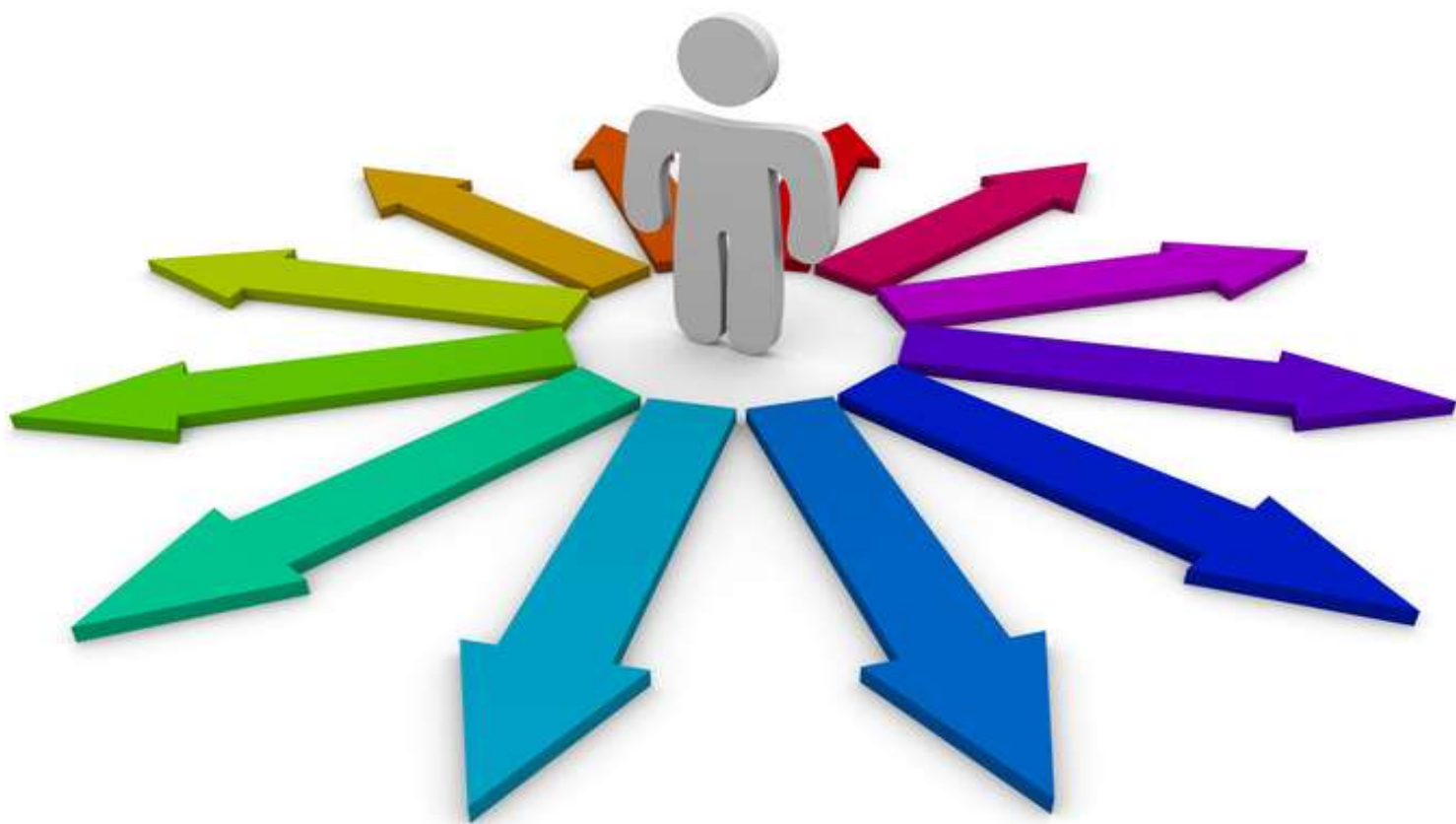
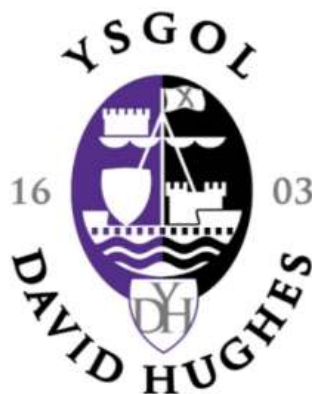


Ysgol David Hughes



YEAR 9 OPTIONS

2025-2026

CONTENT

WHAT IS THE CHOICE IN YEAR 9?

GENERAL CERTIFICATE OF SECONDARY EDUCATION - GCSE

ENTRY LEVEL CERTIFICATE

COLLEGE AND ANGLESEY SECONDARY SCHOOLS' COURSES LOCATIONS

WHO CAN HELP ME?

CORE

HOW TO CHOOSE

WELSH BACCALAUREATE

Dear Parent/Guardian

The National Curriculum gives an opportunity for every pupil to follow a broad, balanced and relevant curriculum. This is an exciting time presenting the new curriculum. All pupils must study the following qualifications in literacy and numeracy, qualifications to encourage breadth and wider learning and experiences across the curriculum.

The Welsh Assembly Government is keen to ensure that over the coming years all 14 – 19 year olds will be able to plan their own “Learning Pathway” as they progress through school, college and training. They will have the opportunity to study a wider choice of subjects and a range of vocational courses, that may include study at their local college for a short period, or a training centre, or even another school. We wish to ensure that all pupils are given appropriate advice from our Careers specialists and pastoral team.

This year, our aim is for all pupils to make their choices through a Google Form. This will facilitate the process of making choices and processing the information.

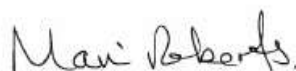
All pupils must select one subject from each option column. The school is eager to do more than offer the minimum. You will see from this handbook that we have attempted to create a system which will enable pupils to choose a variety from each area of learning and experience (AOLE).

1. Qualifications in literacy and numeracy
2. Qualifications to encourage breadth
3. Wider learning and experiences across the curriculum.

We hope the information in this booklet will be of use to you in order to support and advise your child when he/she is planning the next stage of his/her career.

We hope we can continue to work together to ensure your child's success in the future.

Yours sincerely



HEADTEACHER

WHAT IS THE CHOICE AT YEAR 9?

At the end of Year 9 you will have to make important decisions about your future school career. It is no longer possible to go on studying all the subjects you started in Year 7.

It is important to understand why you must make a choice at all. The reason is time. The more deeply you study any subject the more time you need for it.

Your life is made up of a series of decisions and this year provides you with your first big one. How will my choice affect my career or job? Who can help me? What should I consider when making my choices?

This booklet and the Careers Wales website (www.careerswales.gov.wales) should be of help to you in these decisions.

WHY IS THE CHOICE OF SUBJECT SO IMPORTANT?

For you, this year is a milestone. Your decision will have direct effects on your future life. There is a connection between:

- The subjects you take in Year 10 and 11
- The sort of career you wish to follow

These two are closely related. You must be realistic about your abilities and your choice. At this stage you may not know what you want to be, what career you might like to follow. On the other hand, you may have very firm ideas about your future career. Either way you should bear in mind the following factors:

- Which subjects do I like?
- Which subjects am I good at?
- Which subjects are offered at the school?
- Which subjects do I need for my career?
- How can I keep my options open so that I can delay a final career choice?
- Who can help me?

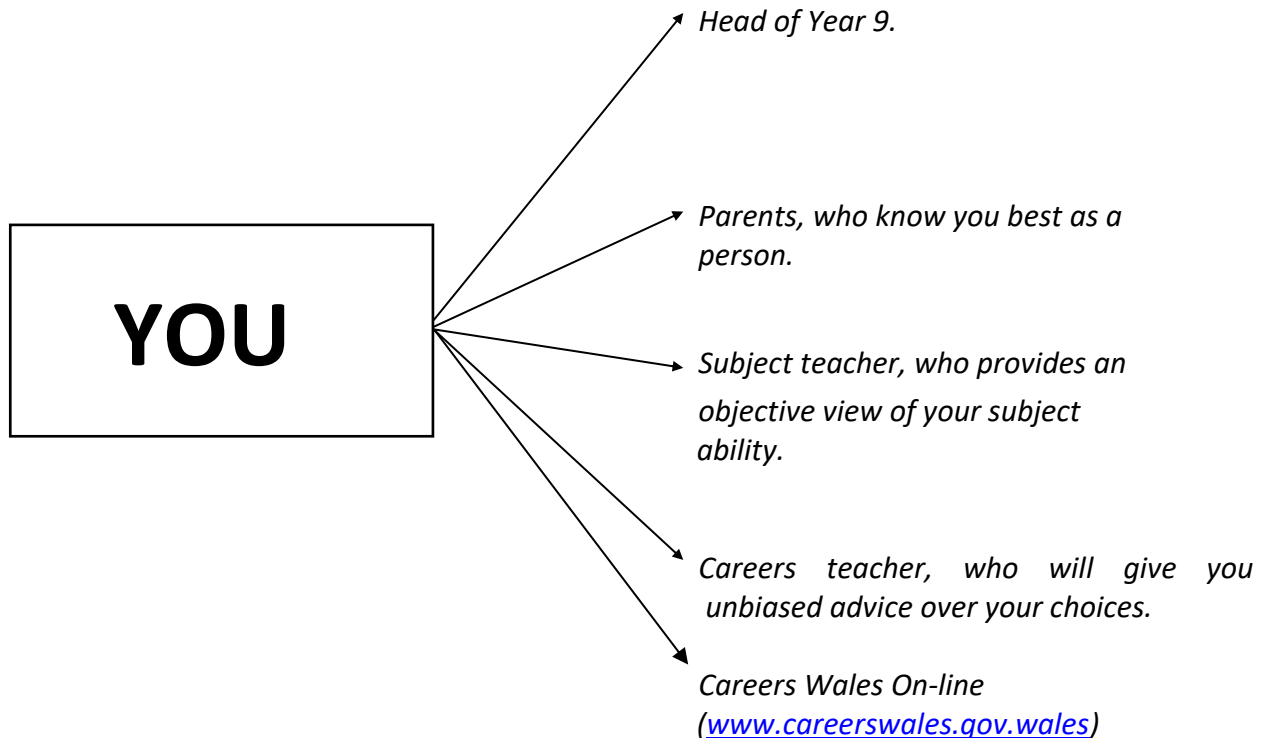
SUBJECTS THROUGH THE MEDIUM OF WELSH

If you have studied subjects through the medium of Welsh in years 7, 8 and 9, then you should consider carefully continuing to study several of your options in Welsh. This will help you to continue to improve your ability to write and discuss in Welsh.

In addition, this will be advantageous to you in the future as many jobs that are advertised locally require an ability to speak and write in Welsh.

WHO CAN HELP ME?

The people who know you best of all are your parents who will want to discuss the matter of choice with you. With your interest at heart they will already be thinking of your future. There are many people who will help you.



The Head of Year 9 is Mr Ed Jones (Room B10 and the Porth)
The Careers Teacher is Miss Angharad Jones (A07)

CORE

- Welsh
- English
- Science (Double Award)
- Mathematics/Numeracy
- Welsh Baccalaureate
- Physical Education
- Relationships and sexuality education (RSE) and religion, values and ethics (RVE)
- Careers and Work Related Education (CWRE)

GENERAL CERTIFICATE OF SECONDARY EDUCATION - GCSE

GCSE courses have been designed to provide an opportunity for pupils to demonstrate what they have understood and learnt during their studies.

1. RESULTS

Pupils following GCSE courses will receive their GCSE results on a scale of grades A*-G (and U). An A* grade will be awarded in recognition of outstanding performance.

2. NATIONAL CURRICULUM

Following a recent revision of the National Curriculum, the examining boards have introduced new specifications in every subject.

3. DIFFERENTIATED EXAMINATION PAPERS

Many GCSE subjects are examined through tiers: Foundation, intermediate or higher.

Tiering provides pupils with an opportunity to show what they know, understand and can do by presenting them with question papers that are targeted at a band of attainment.

For some subjects it has been shown that it is possible to set questions in a single tier examination paper that are accessible and challenging to pupils across the whole ability range.

4. COURSEWORK/CONTROLLED ASSESSMENT

Many GCSE courses involve an element of coursework/controlled assessment and its contribution to the final grade will vary from subject to subject.

ENTRY LEVEL CERTIFICATE

The Entry Level Certificate is intended for pupils for whom the GCSE will not necessarily be the most suitable examination or level of work. The course is designed to promote a more meaningful educational experience for these pupils and its aim was to develop courses which are relevant to their needs and experiences.

There is emphasis on course planning and the need to provide a broad, balanced and relevant curriculum for every pupil where continuous assessment techniques and coursework play an important part.

The assessing of the Entry Level Certificate does not rely wholly upon formal examinations. Coursework assessment forms a major part of the final grade.

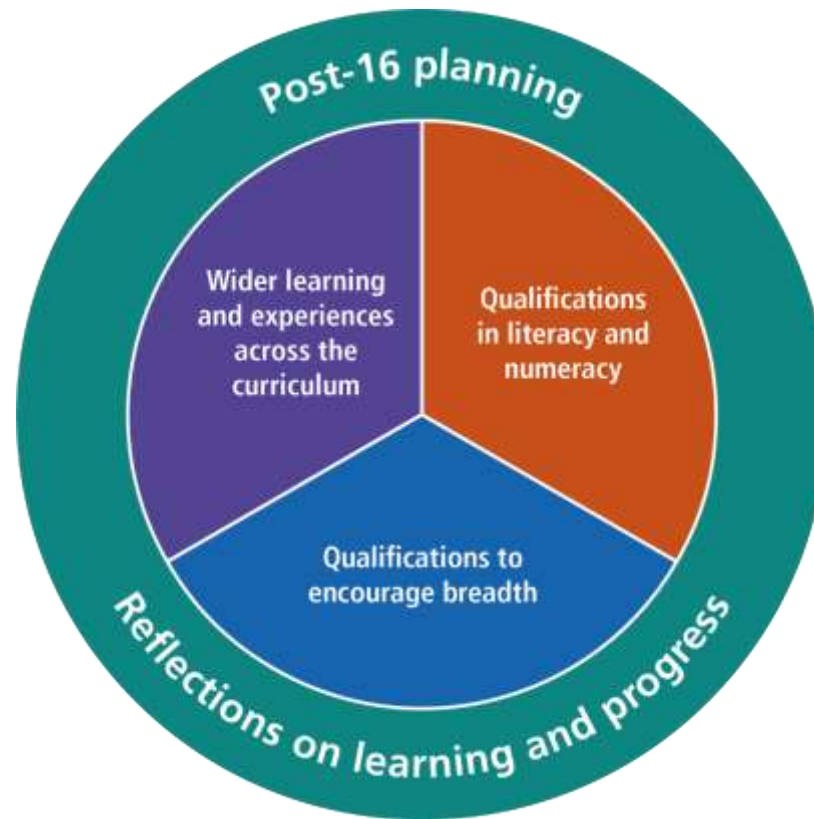
The Entry Level Certificate courses are available in the core subjects, which are Welsh, English, Mathematics and Science.

The Entry Level Certificate initiative fulfils two broad aims:

1. To improve pupils' motivation and their interest in school work by providing richer, more varied and purposeful range of experiences.
2. To ensure that all school leavers at the end of Year 11 have the opportunity to acquire an appropriate certification of academic attainment at age 16+.

Pupils following Entry Level Certificate courses receive their results on a scale of grades:

- Entry Level 3
- Entry Level 2
- Entry Level 1



Qualifications in literacy and numeracy	35%
Qualifications to encourage breadth	50%
Wider learning experiences across the curriculum	10%
Reflections on learning and progress / Post-16 planning	5%

Areas of learning and experience (AOLE)

Languages, Literacy and Communication	It aims to support learning across the whole curriculum and to enable learners to gain knowledge and skills in Welsh, English and international languages as well as in literature	Welsh, English, literature ✓ <u>Option Columns</u> French
Mathematics and Numeracy	Progression in the Mathematics and Numeracy of Learning and Experience involves the development of five connected and interdependent proficiencies which have no hierarchy. <ul style="list-style-type: none"> • Conceptual understanding • Communication using symbols <ul style="list-style-type: none"> • Fluency • Logical reasoning • Strategic competence 	Mathematics and Numeracy ✓ <u>Option Columns</u> Additional Mathematics
Science and Technology	This Area draws on the disciplines of biology, chemistry, computer science, design and technology, and physics to enhance learners' knowledge and understanding of the world.	The Sciences: Double award ✓ <u>Column options</u> Triple Science Design and Technology Computer Science Fashion and Textiles Digital Technology
Humanities	The Area encompasses geography; history; religion, values and ethics; business studies and social studies. Learners may also be introduced to other complementary disciplines, such as classics, economics, law, philosophy, politics, psychology and sociology.	Religion, values and ethics (RVE) ✓ <u>Option Columns</u> Geography History Religious Studies Business

<p>Expressive Arts</p>	<p>The Expressive Arts Area of Learning and Experience (Area) spans five disciplines: art, dance, drama, film and digital media and music.</p>	<p><u>Option Columns</u> Art Drama Music</p>
<p>Health and Well-being</p>	<p>The Health and Well-being Area of Learning and Experience provides a holistic structure for understanding health and well-being. It is concerned with developing the capacity of learners to navigate life's opportunities and challenges. The fundamental components of this Area are physical health and development, mental health, and emotional and social well-being.</p>	<p><u>Physical Education -Core✓/</u> <u>Relationships and sexuality education</u> <u>(RSE) ✓</u></p> <p><u>Option Columns</u> Physical Education Food and Nutrition Health and Social Care Personal and Social education</p>

HOW TO CHOOSE

1. All pupils will study Welsh, English, Mathematics, Science, Careers Work Related Education (CWRE), the Welsh Baccalaureate, Physical Education, Relationships and Sexuality Education, Religion, Values and Ethics. You are required to note your preferred language medium for Science and Mathematics as well.
2. Pupils are encouraged to choose a combination of subjects which offer a wide variety of experiences
3. The college courses are very popular but with limited spaces available to each school. In cases where we have exceeded our quota – then pupils are chosen on the basis of good behaviour and good attendance.
If you intend to choose a college/other school course, a 2nd choice must also be made, which is a subject taught at school in the same column.

The Curriculum Model for our learners

				COLOFNAU OPSIWN				
				COLUMN OPTIONS				
Welsh Language and Literature: single and double award	English Language and Literature: single and double award	Mathematics and Numeracy: double award	The Sciences: double award	✓	✓	✓	✓	✓
				Learners to choose 4 subjects + 1 (BAC / PE / <u>relationships and sexuality education (RSE)</u> and <u>religion, values and ethics (RVE)</u>)				
7	7	7	9	6	6	6	6	6

14-16 Options, September 2025

Column A	Column B	Column C	Column D	Column E
Food and Nutrition	Personal and Social Education	Health and Social	Health and Social	
Physical Education		Physical Education		Food and Nutrition
		French		
Religious Studies	Geography	Business	Business	Religious Studies
Business	History	History	Geography	History
Design and Technology	Digital Technology	Computer Science	Triple Science	Digital Technology
Digital Technology	Textiles	Design and Technology	Design and Technology	Triple Science
	Design and Technology			
Drama				Art and Design
Art and Design	Art and Design	Art and Design	Music	
Additional Mathematics				
Work experience / Volunteer work	Portal Sweet	Portal Sweet	Portal Sweet	Work experience / Volunteer work
Consortium Courses				Consortium Courses
BAC/ PE / <u>relationships and sexuality education (RSE)</u> and <u>religion, values and ethics (RVE)</u>	BAC/ PE / <u>relationships and sexuality education (RSE)</u> and <u>religion, values and ethics (RVE)</u>		BAC/ PE / <u>relationships and sexuality education (RSE)</u> and <u>religion, values and ethics (RVE)</u>	BAC/ PE / <u>relationships and sexuality education (RSE)</u> and <u>religion, values and ethics (RVE)</u>

***** You must choose one brown option *****

Consortium Courses

Column A	Column E (Coleg Menai)
Construction L1 (Coleg Menai)	BTEC Mechanical Engineering L2
Built Environment L2 (Ysgol Syr Thomas Jones)	Mechanical Engineering L1
Tourism L2 (Ysgol Uwchradd Bodedern)	Automotive Engineering L1
	Motor Sport Engineering L2
	Beauty Therapy L2 (Ysgol Uwchradd Bodedern)
	Hair and Beauty L1 (Coleg Menai)

In order to follow Engineering Level 2 - pupils need to follow the higher tier in Mathematics.

The college courses start at 1.35pm in Llangefni and 1.20pm in Bangor, and finish at 4.25pm in Llangefni and 4.10pm in Bangor. The school will arrange transport to and from the college. Parents will need to collect their child from the school at approx. 4.20pm (Bangor) and 4.45pm (Llangefni).

It is the same arrangement for courses at other schools. The school will arrange transport to and from the educational site. But parents will need to collect their child from the school once they've returned. The exact time will be advised in due course.



HELP FROM CAREERS WALES

WHICH PATHWAY WILL YOUR SON OR DAUGHTER CHOOSE?

During Year 9 your son or daughter will have to make important choices about subjects and qualifications that could affect their future career. The choice is theirs but plenty of support is available to help them with their decisions. Careers Wales in partnership with the school will work with them to help them:

- consider the full range of options open to them
- make decisions based on their ability, strengths and interests
- understand what is happening in the world of work.
- gain work related skills and experience

Parents can talk to a Careers Adviser at parents' evenings, careers events or by making an appointment at their local Careers Centre.

One valuable resource to help you and your son / daughter is the website www.careerswales.gov.wales.

The section for Year 9 pupils to help them with their Key Stage 4 options includes:

- A checklist to help pupils make sure they have done everything they can to prepare for choosing subjects and courses.
- Games and quizzes to help pupils learn career planning skills.
- Information on the options available in school and an opportunity to choose their options online.
- A section where pupils can research different careers and qualifications.
- Areas where pupils can keep important information about their achievements, plans, interests and skills - and use it to build up a personal profile.
- Good advice – and details about where you, and your son/daughter, can get help and support.

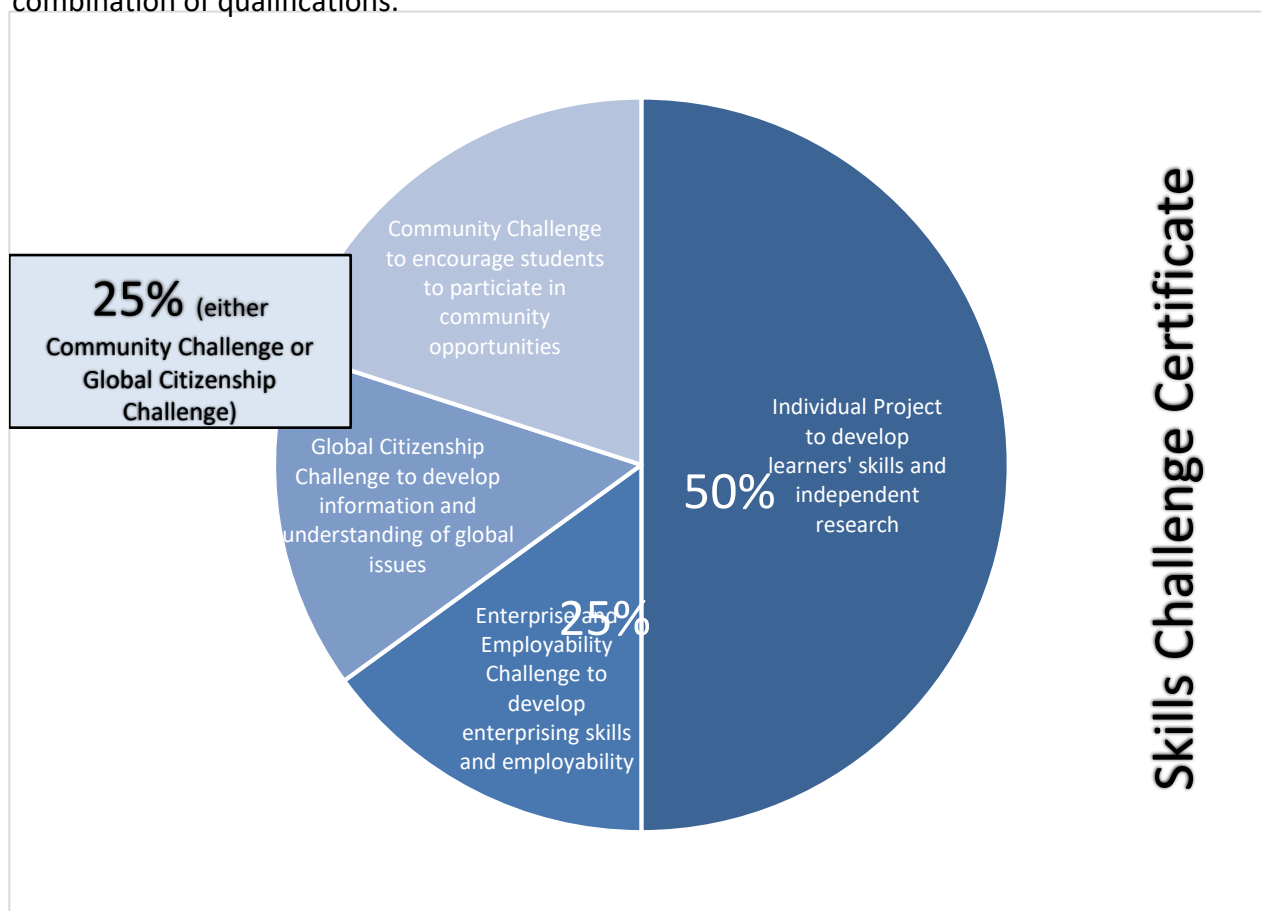
<i>The site's sections</i>	
<ul style="list-style-type: none"> • Are you ready? • In my school <ul style="list-style-type: none"> – What happens – Courses – My options • Let's explore <ul style="list-style-type: none"> – Qualifications – Careers – The world of work – Learning Pathways 	<ul style="list-style-type: none"> • My plans <ul style="list-style-type: none"> – Decision making – Create your own plan • My Site <ul style="list-style-type: none"> – Build your own e portfolio <i>and</i> your own web space • Help and support <ul style="list-style-type: none"> – Who can help? – Your Careers Adviser

SCHOOL'S CAREERS ADVISER: OLWEN JACKSON

WELSH BACCALAUREATE

The Welsh Baccalaureate is unique to Wales.

It helps to prepare students between 14 and 19 years old for the world of work, for further study and for life. The Welsh Baccalaureate qualification will be awarded to students achieving a specified combination of qualifications.



At the heart of the Welsh Baccalaureate is the Skills Challenge Certificate, a pioneering qualification based on skills which also corresponds to a GCSE grade A* - C.

The Welsh Baccalaureate is delivered through: -

- BAC lessons
- Contributions by guest speakers
- Skills days and activities

The students are expected to develop seven essential skills that are so important for learning, work and life, namely: -

- Literacy
- Numeracy
- Digital Literacy
- Critical Thinking and Problem Solving
- Planning and Organisation
- Creativity and Innovation
- Personal Effectiveness

There is an emphasis on learning by doing. Each student will be supported by a personal tutor who will monitor their progress during the two years.

The Welsh Baccalaureate qualification consists of:

GCSE qualifications in English or Welsh Language and Mathematics or Mathematics-Numeracy. One may use elements of literacy and numeracy from the Welsh Essential Skills; and choose from auxiliary qualifications – GCSE, A Level or vocational.

For more information about the Welsh Baccalaureate, go to:

<https://www.qualificationswales.org/english/qualifications/welsh-baccalaureate/>



COMPULSORY SUBJECTS

WELSH LANGUAGE & LITERATURE (GCSE)

What will I learn?

The course will help you:

- Develop oral, reading, and writing skills.
- Discuss with others, presenting information and opinions both orally and in writing.
- Think clearly and analytically.
- Gain confidence and accuracy in communicating in Welsh.
- Develop an appreciation of literature in various forms.

How will I learn?

The course will help you:

- Collaborate with other students.
- Interpret and analyze a variety of literary and non-literary texts.
- Strengthen and improve language accuracy.

Course Details

This is a single-tier examination. Some units will be completed in Year 10, and the rest in Year 11.

- **Unit 1 – Narrative.** 1.5-hour examination on a novel. [15%]
- **Unit 2 – Identity.** Oral examination based on discussing a film in a group. [10%]
- **Unit 3 - Aspects.** Controlled assessments that combine:
Task 1: Interpreting and analyzing poems [written task]
Task 2: Preparing an individual ORAL presentation based on research [oral task, speaking for 5 minutes] [10%]
- **Unit 4 – Linguistic Connections.** 2-hour written examination.
The examination will include reading and understanding tasks, text editing, and two extended writing tasks. [22.5%]
- **Unit 5 – Response and Creation.** Non-examination assessment, two tasks:
Task 1: Group discussion; response to a specific prompt.
Task 2: Creative writing task arising from the theme of Task 1. [20%]
- **Unit 6 – Conveying Meaning.** 1.5-hour written examination.
Candidates will study three short stories. The examination will include questions on one story, and candidates will compare this story with other texts appearing on the examination paper. [22.5%]

What happens after this course?

The ability to communicate in Welsh is important for most jobs in Wales today. This GCSE provides a valuable foundation for starting further courses, whether in college or in Year 12. GCSE Welsh is a necessary foundation for the Welsh A-level course.

Ideas for jobs!

Any job where communication with others is needed, e.g.:

- Leisure and tourism industry
- Medicine
- Care
- Social services
- Education
- Public services
- Media
- Retail
-

Want to know more?

You can visit the WJEC website for a full copy of the specification.

GCSE CORE WELSH [WELSH SECOND LANGUAGE (GCSE)]

What will I learn?

The course will help you to:

- develop oral, reading, and writing skills
- understand and use Welsh for a variety of purposes and audiences
- develop confidence and accuracy when communicating in Welsh.
-

How will I learn?

The course will help you to:

- collaborate with other students
- read and understand a variety of materials
- strengthen and improve accuracy, orally and in writing.
-

Course Details

This is a non-tiered, unit-based course, i.e. there will be an opportunity to sit one unit in January of Year 10.

Unit 1 – Responding to visual stimulus. Non-examination assessment working in pairs/groups.

The exam will be worth 25% [Speaking: 10%, Listening: 15%]

Unit 2 – Responding to Various Sources. Discussion task in pairs/groups of three based on material provided by WJEC.

The exam will be worth 25% [Speaking: 20%, Listening: 5%]

Unit 3 - Preparing for the Future. Written exam, 1.5 hours. Candidates will read a number of texts and respond to them using different forms.

The exam will be worth 25%

Unit 4 - Literature and Creative. Written exam, 1.5 hours. Candidates will study four sets of literary text and answer questions on one of these in this exam.

The exam will be worth 25%

Want to know more?

You can visit the WJEC website for a full copy of the Subject Specification

ENGLISH LANGUAGE AND LITERATURE (GCSE)

What will I learn?

The course will help you to:

- Understand and appreciate all types of literature
- Be able to interpret and appreciate various genres and express opinions
- Develop the ability to identify with other people's experiences and feelings and, as a result, consider their opinions.
- Think analytically about fiction and non-fiction texts.
- Develop reading, writing and oracy skills.
-

How will I learn?

By studying a variety of genres, e.g:

- Poetry
- Novels
- Drama
- Non-fiction
- Transcripts

Course details

This course is a double award taught and assessed in units. There are no tiers. Some units will be completed in Year 10, whilst the others will be completed in Year 11.

Unit 1: Context and Meaning - 1.5 hour poetry exam. **[15%]**

Unit 2: Belonging - Non-examination assessments based on a novel. A written analysis and an individual oracy presentation. **[10%]**

Unit 3: Influence and Power - Non-examination assessments based on non-fiction. A creative writing task and a group oracy discussion. **[10%]**

Unit 4: Motivations - 1.5 hour exam on a dramatic play. **[20%]**

Unit 5: Continuity and Change - Non-examination assessment on a Shakespeare play and 1600-1900 poetry. **[20%]**

Unit 6: Connections - 1.5 hour exam on non-fiction. **[25%]**

What happens after this course?

Success in this qualification will provide a strong foundation for any college / A Level course. The skills you will develop during the course will enable you to identify with others and appreciate different points of view, as well express yourself effectively both verbally and in writing.

Job Ideas!

Journalism/Media

PR/ Retail

Teaching

Any job which requires communication.

To enter Higher Education you will need at least a 'C' grade and often a 'B' grade in English Language.

Want to know more?

To find out more about this course visit the following web page: <http://www.wjec.co.uk>

GCSE MATHEMATICS and GCSE NUMERACY (Double Award)

What will I learn?

- make connections between different areas of mathematics and with other areas of the curriculum
- develop their conceptual understanding in explaining, expressing and representing concepts in both concrete and abstract forms
- communicate both abstract situations and real-world scenarios using mathematical symbols and expressions
- develop their ability to use mathematical facts, techniques and relationships fluently to solve problems
- recognise underlying mathematical structures within problems and develop strategies to solve them
- develop an understanding of relationships between mathematical concepts and the use of justifications and proofs
- gain a strong foundation in financial mathematics to equip them for life and work

How will I learn?

There will be 7 lessons of Mathematics every fortnight in years 10 and 11.

What will I need?

It is essential that all students have a scientific calculator, compass, ruler and a protractor.

How will I be assessed?

Unit 1 Financial Mathematics and Other Applications of Numeracy Written examination

Higher Tier: 1 hour 45 minutes (80 marks)

Foundation Tier: 1 hour 30 minutes (65 marks)

Calculator allowed

30% of qualification

Unit 2 Non-calculator Written examination

Higher Tier: 1 hour 45 minutes (80 marks)

Foundation Tier: 1 hour 30 minutes (65 marks)

30% of qualification

Unit 3 Calculator-allowed Written examination

Higher Tier: 2 hours (90 marks)

Foundation Tier: 1 hour 45 minutes (75 marks)

40% of qualification

Content

Unit 1	Unit 2	Unit 3
<p>The purpose of this unit is to:</p> <ul style="list-style-type: none"> • introduce and develop learners' understanding of topics and concepts relating to finance and to develop their financial literacy • allow learners to use their knowledge and apply mathematical methods to personal and other real-world contexts, including those related to money and the workplace 	<p>The purpose of this unit is to explore mathematical topics and concepts that don't require the use of a calculator.</p> <p>This unit contains all aspects of probability and has a significant focus on geometry.</p>	<p>The purpose of this unit is to explore topics and concepts that:</p> <ul style="list-style-type: none"> • are more appropriately assessed with a calculator, or • form the foundations for, or link to, topics that are more appropriately assessed with a calculator. <p>This unit contains the majority of topics covering the data handling aspects of statistics and has a significant focus on measures.</p>

Structure

- Two tiers (Higher and Foundation)

Higher	A*	A	B	C	D			
Foundation				C	D	E	F	G

What happens after this course?

After completing the GCSE course it's possible to study the subject further at AS/A Level in Years 12 and 13. If you don't wish to study the subject further, you will have at least gained a solid mathematical foundation to go on and study other subjects which are mathematically related.

Job Ideas!

Accountant, Actuary, Air traffic control, Building Technician, Engineer, Economist, Financial Advisor, Self-employed, Bank Manager, Joiner, only to name a few.

Want to know more? Contact the Mathematics Department

SCIENCE (GCSE DOUBLE AWARD)

What will I need?

Students are required to ensure they have general stationary resources such as pens, pencils, rulers, calculators in every timetabled Science lesson.

How will I be assessed?

There are two tiers of entry for this qualification:

Higher Tier – Grades A* - D; Foundation Tier – Grades C – G

Unit 1: (Double Award) BIOLOGY 1

Written Examination: 1 hour 15 minutes

15% of qualification 60 marks

Unit 2: (Double Award) CHEMISTRY 1

Written Examination: 1 hour 15 minutes

15% of qualification 60 marks

Unit 3: (Double Award) PHYSICS 1

Written Examination: 1 hour 15 minutes

15% of qualification 60 marks

Unit 4: (Double Award) BIOLOGY 2

Written Examination: 1 hour 15 minutes

15% of qualification 60 marks

Unit 5: (Double Award) CHEMISTRY 2

Written Examination: 1 hour 15 minutes

15% of qualification 60 marks

Unit 6: (Double Award) PHYSICS 2

Written Examination: 1 hour 15 minutes

15% of qualification 60 marks

A mix of short answer questions, structured questions, extended writing and data response questions with some set in a practical context. A tiered assessment.

Unit 7: (Double Award) PRACTICAL ASSESSMENT

10% of qualification 60 marks

Practical assessment that will be carried out in centres, but will be externally marked by WJEC. It will take place in the first half of the spring term (January – February). It is recommended that this should be in the final year of study. An untiered assessment.

What happens after this course?

Successful completion of the above course (GCSE Science Double Award) at Higher Tier is suitable preparation for progression to the separate AS Science subjects. The complete GCSE Science Double Award awards the students two grades at the end of Year 11; two valuable grades if at grades C and above to gain access to most AS courses and other courses in further education.

Job Ideas!

A GCSE Science Double Award supplies the student with not only a broad based knowledge of Biology, Chemistry and Physics, but with life skills e.g. practical skills, communication skills, problem solving skills etc. The careers advisor will advise you further as to your chosen career path, but there are some examples of science based related careers:

- Medicine; Nursing; Dentist; Pharmacist
- Laboratory Technician; Engineering; Chemical Engineering
- Veterinary Surgeon; Environmental Work; Forensic Science

WORK RELATED EDUCATION (WRE) (CERTIFICATE or EXTENDED CERTIFICATE)

What will I learn?

Learners using these qualifications will benefit from developing their skills and understanding for identifying their career pathway and equipping them to manage their working life in a changing future.

What are the qualification subjects?

- Work experience
- Applying for work
- Learning in the workplace
- Entrepreneurship and enterprise
- Customer services
- Career planning
- Performance at work
- Working with others
- Health and safety at work
- ICT in the workplace

How will I be assessed?

There are no examinations, but continuous assessment to complete the units.

The certificate course equates to 1 GCSE (Grade B) and Extended Certificate equates to 2 GCSE's (Grade B x 2)

Examination Board – Agored Cymru

For more information, visit Agored Cymru website:- www.agored.cymru



OPTIONAL SUBJECTS

PERSONAL AND SOCIAL EDUCATION (CERTIFICATE or EXTENDED CERTIFICATE)

What will I learn?

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.

What are the qualification subjects?

- 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 management
- Physical activity

How will I be assessed?

There are no examinations, but continuous assessment to complete the units.

The certificate course equates to 1 GCSE (Grade B) and Extended Certificate equates to 2 GCSE's (Grade B x 2)

Examination Board – Agored Cymru

For more information, visit Agored Cymru website:- www.agored.cymru

PHYSICAL EDUCATION (GCSE)

What will I learn?

Through studying GCSE Physical Education learners will

- acquire the knowledge, understanding, skills and values to develop and maintain their performance in physical activities and understand the benefits to health, fitness and well-being.
- develop theoretical knowledge and understanding of the factors that underpin physical activity and sport and use this knowledge to improve performance
- understand how the physiological and psychological state affects performance in physical activity and sport
- perform effectively in different physical activities by developing skills and techniques and selecting and using tactics, strategies and/or compositional ideas
- develop their ability to analyse and evaluate to improve performance in physical activity and sport
- understand the contribution which physical activity and sport make to health, fitness and well-being
- understand key socio-cultural influences which can affect people's involvement in physical activity and sport in Wales and the wider world.

How will I learn?

The course is a mix of theory and practical (indoor and outdoor) lessons.

What will I need?

A good level of ability and enthusiasm for the subject. Students are required to bring appropriate clothing and footwear for **ALL** practical sessions. They are also required to have suitable writing material for all theory lessons.

How will I be assessed?

Introduction to physical education (Theory)

Written examination: 2 hours 50% of qualification 100 marks

Learners will be assessed through a range of short and extended questions. The questions will be based on audio-visual stimuli and other sources.

The active participant in physical education (Practical)

Non-exam assessment 50% of qualification 100 marks

Learners will be assessed in **three** different activities in the role of performer in **one** individual and **one** team sport and **one** other from the approved lists of activities plus a personal fitness programme linked to the chosen **major** activity.

What happens after this course?

The course specification builds on subject content which is typically taught at Key Stage 3 and provides a suitable foundation for the study of physical education at either AS / A level or a BTEC Level 3 national qualification. In addition, the specification provides a coherent, satisfying and worthwhile course of study for learners who do not progress to further study in this subject.

Job Ideas!

- Working in the fitness/leisure industry.
- Police Force/Armed Forces
- Physical Education teacher.
- Sports development.
- Sports therapy.
- Physiotherapy.

The school's Careers Advisor can provide you with further ideas.

Want to know more?

For further information, contact the Head of Department, Mr Gethin Long.

RELIGIOUS EDUCATION (GCSE)

What will I learn?

You will learn the main characteristics of Christianity and Islam and look at moral themes such as:

- The creation – religion or science?
- Life sanctity – are abortion and euthanasia acceptable?
- The meaning of life
- Relationships – co-habiting, marriage, adultery, divorce, methods of contraception
- Prejudice and differences on basis of race and gender
- Human Rights – should a person follow their personal or state religion?
- Wealth and poverty
- Animal rights
- Belief about life after death

What will I need?

- Writing equipment and file

How will I be assessed?

Year 10:

Unit 1: Religious and non-religious beliefs, teachings and practices Written examination: 1 hour 15 minutes 30% of qualification

Unit 2: Religion and relationships Non-examination assessment: 6 hours 20% of qualification

Year 11:

Unit 3: Roles, rights and responsibilities Written examination: 1 hour 15 minutes 30% of qualification

Unit 4: Religion and human rights Non-examination assessment: 6 hours 20% of qualification

Job Ideas!

- Health service
- Police
- Journalism
- Politics
- Social worker / social services
- religious groups
- Education
- Counseling
- Media
- Charity worker
- Lawyer

Want to know more?

Visit: www.cbac/co.uk

www.reonline.org.uk

ART AND DESIGN (GCSE)

What will I learn?

- You will have the opportunity to use a variety of art and design materials and learn a range of practical methods in art, craft and design.
- You will develop your skills in researching, investigating and making.
- Studying art and design is a way of developing your creative and imaginative abilities.
- You will learn more about other artists, craftworkers and designers from a range of cultures and times and use this knowledge to help develop your own work.

How will I learn?

Like your other GCSE courses you will attend 3 lessons of art per week. There will be a range of research, practical and evaluative tasks and activities to do in class and as homework assignments. You will be encouraged to generate your own ideas in response to themes and tasks and keep your own sketch book. You will also reflect on and evaluate your ideas and work as it develops.

What will I need?

You will need to have basic drawing materials – pencil, rubber, sharpener that you need to bring to every lesson. Coloured pencils are needed for homework tasks and you will be given a sketch book for your homework and a folder in school in which to keep your practical work.

How will I be assessed?

Coursework:

You will produce a portfolio of coursework during Year 10 and up to the end of the Autumn term in Year 11. Your coursework is assessed continuously by your teacher and the art department staff and then moderated externally by the examination board. All coursework must be completed and submitted before Christmas (your teacher will give you the exact date.) It is your responsibility to look after your coursework folder and sketchbook and bring these to every lesson. Responsibility cannot be accepted for lost or mislaid work. Coursework is worth **60%** of your final GCSE mark.

Examination:

At the beginning of January you will receive your examination paper for the terminal examination (sometimes called the externally set test). You will work on preparation and planning work in class and on homework tasks towards the examination. The 10 hour examination takes place over 2 days, usually during March.

The examination (and preparation work) is assessed by the art department staff and it is then externally moderated by the examination board and are worth **40%** of your final GCSE.

After the examination any unfinished work needs to be completed normally by the end of April and a moderator visits the school to verify the examination and coursework marks.

What happens after this course?

After Year 11 you might choose to stay on at school to study the AS/A Level Art course.

Alternatively, Coleg Menai offers a range of courses in Art and Design.

Job Ideas!

- | | | |
|---------------------|----------------------|--------------------|
| · Architect | · Film Animator | · Web Designer |
| · Interior Designer | · Jewellery Designer | · Photographer |
| · Fashion Designer | · Illustrator | · Theatre Designer |
| · Product Designer | · Graphic Artist | · Costume Designer |

Want to know more?

Contact any of the Art Department Staff or to your careers advisor or look for more information on the WJEC examination board website www.wjec.co.uk , the BBC bitesize website www.bbc.co.uk/gcsebitesize/ or look on www.careerswales.com.

MUSIC (GCSE)

What will I learn?

You will:

- Learn about music from different genres
- Develop skills in performing on an instrument or singing
- Use software to develop composition skills
- Learn to enjoy a broad range of music
- Learn to work and perform with others
- Develop creativity and self-confidence
- Develop listening and evaluation skills in music.

How will I learn?

Through a series of 3 lessons per week, which will be a combination of performing, composing music, listening to music and evaluating music.

What will I need?

An instrument or singing voice, or you can play keyboards/instruments available in class.

How will I be assessed?

3 elements will be assessed:

Performing

Composing

Appraising

Performing and Composing can be in any style /genre. Performing includes DJ-ing and Beat Boxing. The Appraising exam cover all styles/genres of music.

The composing and performing elements will be assessed by your teacher and the examination board; the appraising element will be assessed by the examination board only.

What happens after the course?

You can go on to study Music at AS or A Level, focusing on your expertise, e.g. vocals or playing an instrument.

Job Ideas!

- Primary school teacher – advantage of being able to offer expertise in music.
- Work in a studio
- Media work
- Music Therapist
- Occupational Therapist
- Work in a theatre
- Sound Engineer
- Member of a group
- Instrumental Teacher

Want to know more?

For more information contact the Music Department.

COMPUTER SCIENCE (GCSE)

What will I learn?

Computing is of enormous importance to the economy, and the role of Computer Science as a discipline itself, as an 'underpinning' subject across science and engineering, is growing rapidly. Young people need to develop skills that will enable them to pursue a career in Computer Science if they so choose, and which will also help them gain valuable skills for life - for example, in innovation, reasoning, logic, resourcefulness, precision, problem solving and clarity. These skills will enable them to become authors of computational tools rather than simply users.

A course in Computer Science offers candidates a unique opportunity to gain an understanding of how computers work and to create and troubleshoot computer programs for real-life purposes relating to their own personal interests. Computer Science develops valuable programming and computational thinking skills, which are increasingly relevant to a wide variety of jobs. Employers want workers with an understanding of rigorous principles that can be applied to changing technologies.

How will I learn?

- There will be 3 lessons per week
- You can choose to study the course through the medium of English or Welsh.

What will I need?

- An interest in Computing
- An investigative mind and motivation to work independently
- A commitment to meet coursework deadlines
- It is a good idea to have a USB memory stick to transfer work
- Although it is not essential, a computer at home would be advantageous
- Ideally you should have a level 7 in Mathematics

How will I be assessed?

Unit 1	Understanding Computer Science (100 marks)	50% Written examination: 1 hour 45 minutes	This unit investigates hardware, logical operations, communication, data representation and data types, operating systems, principles of programming, software engineering, program construction, security and data management and the impacts of digital technology on wider society.
Unit 2	Computational Thinking and Programming (60 marks)	30% On-screen examination: 2 hours	This unit investigates problem solving, algorithms and programming constructs, programming languages, data structures and data types and security and authentication.
Unit 3	Software Development (80 marks)	20% Non-exam Assessment: 20 hours	This unit requires learners to produce a programmed solution to a problem. They must analyse the problem, design a solution to the problem, develop a final programmed solution, test the solution and give suggestions for further development of the solution. Throughout the production of the solution learners are required to produce a refinement log that evidences the development of the solution.

What happens after this course?

- Currently we only offer AS / A level in ICT but could consider Computer Science if there's a demand

Job ideas

- Programmer
- Web Designer/Developer
- Computer Games Developer
- Software Developer
- Network Engineer
- Systems Analyst
- Network Manager
- Database Administrator
- IT Support Technician
- Media Researcher
- Data Recording Clerk
- Computing Teacher

Want to know more?

For more information please contact Mr Huw Hughes, Head of the Department.

GEOGRAPHY (GCSE)

What will I learn?

During the course you will get the opportunity to learn about: rivers and coasts, floods, migration, settlement change, weather and climate, climate change and inequality.



This course will help you learn about:

- Places, environments and issues of countries around the world
- Expressing your opinion
- Communicating and using ICT
- Solving problems
- Working independently
- Fieldwork
- Your responsibility as a global citizen

How will I learn?

You will have 6 lessons each fortnight in Year 10 and 5 lessons each fortnight in Year 11. Fieldwork is a mandatory part of the course.

How will I be assessed?

There are two examination papers worth 30% each, one based on Year 10 work and one on Year 11 work. The coursework is worth 40% and will be based on one fieldwork day and one decision making exercise on sustainability.

WJEC Geography GCSE

Unit 1 (30%) Our Physical and Human World	Unit 2 (25%) Developing Fieldwork Skills	Unit 3 (30%) Our Dynamic and Diverse World	Unit 4 (15%) Sustainable Solutions
Written exam on the following topics: <ul style="list-style-type: none">• Drainage basins and rivers• Changing coastlines• Migration• Settlement change	Non-exam assessment in the form of a written fieldwork report.	Written exam on the following topics: <ul style="list-style-type: none">• Geography of inequality• The highs and lows of our weather• Climate change	Non-exam assessment in the form of a decision-making exercise on a sustainability topic set by WJEC.

What will happen after this course?

Following Year 11 you could go on to study Geography at Advanced Level. Then you will be ready for the world of work or to go on to study for a degree in Geography or Environmental Studies.

Ideas for jobs!

GIS analyst, environmental consultant, urban planner, cartographer, climatologist, transportation manager, environmental manager.

Want to know more?

Contact your Geography teacher or take a look at the WJEC website.

DRAMA (GCSE)

What will I learn?

The course will help you learn:

- About your strengths and aspects which need to be developed when dealing with people
- To appreciate personal and group performances
- To gain an understanding of professional theatrical performances
- To develop self-confidence and the ability to work with others.

How will I learn?

The course will be taught in the School Theatre and in the classroom. The lessons will be a combination of practical and theory and there will be many opportunities to visit professional theatres to see performances of a high standard and to learn about stage craft. The course is available through the medium of English or Welsh.

What will I need?

An interest in Theatre, enthusiasm and the ability to work with others!

How will I be assessed?

This is a full GCSE course which is split into modules. The emphasis will be on practical work and the related written work.

Unit 1 – Devised Performance -

Non-exam assessment: internally assessed, externally moderated. 60 marks (40%)

Unit 2 – Performing Theatre -

Non-exam assessment: externally assessed by a visiting examiner. 60 marks (20%)

Unit 3 – Interpreting Theatre – Written examination 1 hour 30 minutes:

Section A – Evaluate one set piece from the point of view of an actor, director and designer;

Section B - write a report on a live performance seen during the course. 60 marks (40%)

What happens after this course?

After Year 11, you can follow Drama and Theatre Studies at AS Level in Year 12 and then A Level in Year 13.

Job ideas!

- Any work that involves people!
- Actor
- Solicitor
- Drama Therapist
- Drama Teacher
- Television Presenter
- Researcher, etc.

Want to know more?

Contact the Drama department in Room 107.

TRIPLE SCIENCE (GCSE)

GCSE BIOLOGY (Wales)

SUMMARY OF ASSESSMENT

There are two tiers of entry for this qualification:

Higher Tier – Grades A* - D; Foundation Tier – Grades C – G

Unit 1: CELLS, ORGAN SYSTEMS and ECOSYSTEMS

Written Examination: 1 hour 45 minutes, 45% of qualification (80 marks)

Unit 2: VARIATION, HOMEOSTASIS and MICRO-ORGANISMS

Written Examination: 1 hour 45 minutes, 45% of qualification (80 marks)

A mix of short answer questions, structured questions, extended writing and data response questions with some set in a practical context. A tiered assessment.

Unit 3: PRACTICAL ASSESSMENT

10% of qualification (30 marks)

Practical assessment that will be carried out in centres, but will be externally marked by WJEC. It will take place in the first half of the spring term (January – February). It is recommended that this should be in the final year of study. An untiered assessment.

GCSE CHEMISTRY (Wales)

SUMMARY OF ASSESSMENT

There are two tiers of entry for this qualification:

Higher Tier – Grades A* - D; Foundation Tier – Grades C – G

Unit 1: CHEMICAL SUBSTANCES, REACTIONS and ESSENTIAL RESOURCES

Written Examination: 1 hour 45 minutes, 45% of qualification (80 marks)

Unit 2: CHEMICAL BONDING, APPLICATION OF CHEMICAL REACTIONS and ORGANIC CHEMISTRY

Written Examination: 1 hour 45 minutes, 45% of qualification (80 marks)

A mix of short answer questions, structured questions, extended writing and data response questions with some set in a practical context. A tiered assessment.

Unit 3: PRACTICAL ASSESSMENT

10% of qualification (30 marks)

Practical assessment that will be carried out in centres, but will be externally marked by WJEC. It will take place in the first half of the spring term (January – February). It is recommended that this should be in the final year of study. An untiered assessment.

GCSE PHYSICS (Wales)

SUMMARY OF ASSESSMENT

There are two tiers of entry for this qualification:

Higher Tier – Grades A* - D; Foundation Tier – Grades C – G

Unit 1: ELECTRICITY, ENERGY and WAVES

Written Examination: 1 hour 45 minutes, 45% of qualification (80 marks)

Unit 2: FORCES, SPACE and RADIOACTIVITY

Written Examination: 1 hour 45 minutes, 45% of qualification (80 marks)

A mix of short answer questions, structured questions, extended writing and data response questions with some set in a practical context. A tiered assessment.

Unit 3: PRACTICAL ASSESSMENT

10% of qualification (30 marks)

Practical assessment that will be carried out in centres, but will be externally marked by WJEC. It will take place in the first half of the spring term (January – February). It is recommended that this should be in the final year of study. An untiered assessment.

HISTORY (GCSE)

Why study history?

- You should study history if you wish to learn how and why the world and its peoples came to be as they are today.
- History students are rounded individuals who develop an understanding of both past and present.
- History trains your mind and teaches you how to think and process information.
- Because history gives us tools for analysing and explaining problems in the past, it is an essential tool for problem-solving in the present and future.
- ***History provides you with the skills employers are looking for.***

What skills will I learn?

- How to express an opinion.
- Research and analytical skills.
- An awareness of how to study the past by studying sources and interpretations.
- The ability to ask relevant questions.
- How to work as a Historian by preparing and producing an Internal Assignment by analysing evidence about the past.
- Recognise that your History lessons will help you to understand the present.

What courses will I be studying?

- Unit 1 (25%) – Depression, War and Recovery 1930-1951
- Unit 2 (25%) – The USA: A Nation of Contrast, 1910-1929
- Unit 3 (30%) – Changes in Crime and Punishment, c.1500 to the present day
- Unit 4 (20%) - Controlled Assessment

How will I learn?

You will investigate the topics by reading textbooks, solving problems, investigating sources, researching, watching historical films and documentaries, working in groups and using I.C.T. You will have plenty of opportunity to expand your key skills, especially Communication, Literacy and Thinking Skills through the use of individual, pair and group work.

How will I be assessed?

Students will sit three separate examinations and complete a Controlled Assessment. There is only one tier in History and all candidates will sit the same paper and can achieve the grade range of A* - G.

What happens after the course?

You can carry on studying history at AS Level or A Level.

Job Ideas!

Good historians make good lawyers, politicians, managers, journalists, archaeologists, costume designers, economic development officers, architects, museum designers, teachers and much more.

Want to know more?

Contact the History Department - talk to your History teacher.

MODERN FOREIGN LANGUAGE

FRENCH (GCSE)

What skills will I learn?

This course will help you to learn:

- To plan and analyse.
- To develop your communication skills.
- To develop your ICT skills by finding, creating and presenting information and ideas.
- To compare your own culture, language and community with those of the countries and communities of the target language.
- To develop awareness of the importance of languages in the global society of the twenty-first century and the world of work.

How will I learn?

You will learn to work in pairs or groups to complete tasks or to speak in the target language. You will take part in language games and solving puzzles.

What will I need?

You will need to be ready to take part and join in.

What are the themes?

Leisure and wellbeing: self and relationships/healthy mind and body/using technology and media

Travel: travelling around the world/ the cultures of where the language is spoken/sustainability

Study and work: study and work opportunities/working with languages at home and abroad

How will I be assessed?

There are 4 different parts:

Unit 1: ORACY (30%)- Non-examination assessment. Speaking Test: 7 - 10 minutes Preparation time: 10 minutes

Unit 2: READING AND WRITING (15%)- Non-examination assessment: 1 hour

Unit 3: LISTENING (20%)- Written examination: 45 minutes

Unit 4: READING AND WRITING (35%)- Written examination: 1hour 30 minutes

What happens after this course?

After you have gained a GCSE in French, you can go onto studying it at AS and A Level. Many further courses offer the opportunity to spend time abroad if you have a GCSE in French.

Job Ideas!

Learning French does not necessarily mean that you will work as a teacher or translator, there are many other possibilities:

- Engineering
- Business administration and finance
- Creative media
- Hospitality and catering
- ICT
- Land-based and environmental manufacturing
- Public services

- Retail
- Sport and leisure
- Travel and tourism
- Marine biology
- Forestry
- Journalism
- Etc...

Want to know more?

For further information, contact any members of the French department.

DESIGN AND TECHNOLOGY – PRODUCT DESIGN (GCSE)

What will I learn?

- How to design in a variety of media
- How to make a product in many materials
- Use of CAD - the latest 3D modelling software – Solidworks 2016 (Industrial standard)
- Use of CAM – Use of latest technology including 3D printing and laser cutting

How will I learn?

- 3 lessons a week
- mainly practical activities (Year 10)
- develop knowledge and understanding for sitting the examination (year 10 and 11)
- coursework tasks in Year 10
- Non-exam Assessment (NEA) [major design and make project] in Year 11.

What will I need?

- Enthusiasm and curiosity about designing and making!
- Willingness to persevere and cooperate in order to succeed.

How will I be assessed?

Year 10 assessment will be mainly internal cumulative marks to track progression.

Year 11 similar to year 10 but the NEA task will be externally moderated and end of course exam assessed by WJEC examiners

Unit 1: Design and Technology in the 21st Century – 2 hours

- A written examination – 50% of the GCSE.

Unit 2: Design and make task – approximately 35 hours

- A Non-exam Assessment Tasks – 50% of the GCSE.

What happens after the course?

- The course is an ideal preparation for the D&T Product Design course offered at AS and A level in school.
- The skills you have learned will enable you to follow other courses in, for example, mechanical engineering or product design.

Job Ideas!

- | | |
|----------------------|----------------------------|
| · Product Designer | · Graphic Designer |
| · Engineer | · Theatre Designer |
| · Jewellery Designer | · Furniture Designer/Maker |
| · Architect | · Automotive Designer |

Want to know more?

- For more details about the courses and options, go to see Miss Nia W Davies.
- Talk to your careers teacher.

FOOD AND NUTRITION (GCSE)

What will I learn?

The course will help you to gain an understanding of:

The need to work safely when planning, preparing and cooking a variety of food commodities using different cooking techniques and equipment.

- The relationship between diet, nutrition and health, including the psychological effects of poor diet and health.
- The economic, environmental and ethical influences on food availability, diet and health choices.
- The functional and nutritional properties of food, to include food safety considerations when preparing, storing, cooking and serving food.
- A range of different ingredients and processes from different parts of the world (traditional Welsh, British and international) and to inspire new ideas or modify existing recipes.
- The functional properties and chemical characteristics of food as well as a sound knowledge of the nutritional value of food and drinks.

How will I learn?

A large part of the course is set aside for practical work (food preparation and cooking) – **and pupils will be expected to provide ingredients on a regular basis for this type of work.**

There is also theory work and teacher demonstrations.

Some of the practical work will be experimental in nature and will involve planning and finding out the effects of modifying ingredients and recipes on the final outcome.

What will I need?

As mentioned previously pupils will need to bring ingredients for practical work on a regular basis.

Students will be required to wear protective clothing during practical work and school will provide pupils with clean aprons and hats.

How will I be assessed?

Formal Assessment comprises two practical investigation tasks (set by the exam board and internally assessed) and a final exam.

Unit 1 – Principles of Food & Nutrition – Final written examination. 1 hour 30 minutes (40% of final grade)

Unit 2 – Food Investigation. Non-examination assessment. 8 hours (20% of final grade)

Unit 3 – Food & Nutrition in action. Non-examination assessment. 12 hours (40% of final grade)

What happens after this course?

Students can continue studying Catering at Coleg Menai, or find employment within the food industry. There is also the option of returning to Ysgol David Hughes to follow A Level courses.

Job Ideas!

- Dietician/Nutritionist
- Food Product Development and Manufacturing
- Teacher
- Food Producer
- Sports and Exercise Science
- Environmental Health

Want to know more?

See Mrs Mandy Florence (A13) or Miss Lyn Davies (A14)

FASHION AND TEXTILES (GCSE)

What will I learn?

- About the fashion and textiles industries and the process of designing and making textile garments and products.
- About different fabrics and materials and how they are made, what their properties are and what products can be made from them.
- About the different methods of applying colour to fabrics – tie dye, printing, silk painting etc
- About decorating fabrics using a wide range of techniques – appliqué, embroidery etc.
- How different textile products are constructed

How will I learn?

- 3 lessons a week
- mainly practical activities (Year 10)
- develop knowledge and understanding for sitting the examination (year 10 and 11)
- coursework tasks in Year 10
- Non-exam Assessment (NEA) [major design and make project] in Year 11.

What will I need?

There are no special requirements – but an interest in fashion, a creative mind and the ability to draw will help.

How will I be assessed?

Year 10 assessment will be mainly internal cumulative marks to track progression.

Year 11 similar to year 10 but the NEA task will be externally moderated and end of course exam assessed by WJEC examiners

Unit 1: Design and Technology in the 21st Century – 2 hours

- A written examination – 50% of the GCSE.

Unit 2: Design and make task – approximately 35 hours

- A Non-exam Assessment Tasks – 50% of the GCSE.

What happens after the course?

- The course is an ideal preparation for the D&T Product Design course offered at AS and A level in school.
 - **Job Ideas**
 - Fashion Designer
 - Retail
 - Product Design
 - Theatre Design
 - Teaching
 - Textile Designer

Want to know more?

See Mrs Mandy Florence (A13) or Miss Lyn Davies (A14)

ENGINEERING (WJEC LEVEL 1/2 AWARD IN ENGINEERING)

What will I learn?

This qualification is made up of 3 units:

Unit 1: Manufacturing engineering products

Have the opportunity to interpret different types of engineering information in order to plan how to manufacture engineering products.

Develop knowledge, understanding and skills in using a range of engineering tools and equipment in order to manufacture and test a final product.

Unit 2: Designing engineering products

Explore how an engineered product is adapted and improved over time. It offers the opportunity to apply your knowledge and understanding to adapt an existing component, element or part of the product that you will have manufactured for Unit 1.

Unit 3: Solving engineering problems

Introduced to a range of considerations that impact on engineering design and how modern engineering has had an impact on modern day life at home, work and in society in general.

How will I be assessed?

You will be assessed through a mixture of exams and project work.

Unit 1 will involve producing a manufacturing product, which will be worth 40% of the qualification. This can range from a basic hand tool to complex machinery. The product will need to be developed over 20 hours.

Unit 2 will also be assessed through project work and will be worth 20% of the qualification. Here you will apply your problem-solving skills to answer a brief and produce a solution. You will produce your solution over 10 hours.

Unit 3 will involve a single exam, which is worth 40% of your qualification. The exam will last 1 hour and 30 minutes. The exam will be made up of multiple-choice questions, and short and extended answers.

What skills will I develop?

You will develop a range of skills which are attractive to employers, colleges and universities including:

- Communication
- Taking on responsibility
- Learning independently
- Critical thinking
- Time management
- Research

Careers with engineering?

There was a wide range of opportunities within the field of engineering, for example:

Environmental engineer	Aerospace engineer
Biomedical engineer	Product engineer
Computer engineer	Mechanical engineer
Marine engineer	Civil/structural engineer
Electrical/electronic engineer	

DIGITAL TECHNOLOGY (GCSE)

What will I learn?

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 user 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?

- There will be 3 lessons per week
- You can choose to study the course through the medium of English or Welsh.

What will I need?

- An interest in Digital Technology
- An investigative mind and motivation to work independently
- A commitment to meet coursework deadlines
- Although it is not essential, a computer or laptop at home would be advantageous

How will I be assessed?

Unit 1: The digital world	On-screen examination: 1 hour 30 minutes	40%	An assessment (taken on-screen), comprising of a range of question types to assess specification content related to digital technology systems, the value of digital technology and perspectives on digital technology.
Unit 2: Digital practices	Non-exam assessment (NEA): 45 hours	40%	A non-examined assessment comprising of two sections. In Section A candidates will interrogate a supplied data set imported into a spreadsheet in order to inform Section B, where they will create a website incorporating either an animation or a game related to a set context.
Unit 3: Communicating in the digital world	Non-exam assessment (NEA): 15 hours	20%	A non-examined assessment focusing on marketing digital assets using social media. Candidates will create digital assets related to a set context and then formulate an online digital communications campaign around them.

What happens after this course?

- You could study an AS Information and Communication Technology course.
- An A Level course in Information and Communication Technology is also available.

Job ideas – Digital Technology skills are required for most jobs

- Web Designer/Developer / Webmaster
- Computer Games Developer
- Software Developer
- Network Engineer
- Systems Analyst
- Network Manager
- Drone Pilot
- Social Media Manager
- Database Administrator
- IT Support Technician
- Help Desk Operator
- Journalist
- Media Researcher
- Data Recording Clerk
- IT Instructor
- Teacher

Want to know more?

For more information, contact Mr Hugh Hughes, Head of the Department.

HEALTH AND SOCIAL CARE, AND CHILDCARE (GCSE)

What will I learn?

Unit 1: Human growth, development and well-being

In this unit learners will gain knowledge and understanding of human development across the life cycle and the ways in which this may be affected; 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.

- Human development across the life cycle
- Physical, social, emotional and intellectual health
- The importance of active participation on development and well-being
- Early intervention and prevention to promote and support growth, development and well-being for a range of conditions and circumstances

Unit 2: Promoting and maintaining health and well-being

In this unit learners will gain knowledge and understanding of the range of health and social care, and childcare services provided in Wales and how these services promote and maintain the health and well-being of the nation.

- Health and social care, and childcare provision in Wales to promote and support health and well-being
- Public health and health promotion across the life cycle
- Factors affecting health and well-being across the life cycle

How will I be assessed?

The course consists of 2 units.

Unit 1: Human growth, development and well-being – Written examination: 1 hour and 30 minutes
80 marks, 40% of the qualification

Unit 2: Promoting and maintaining health and well-being – Non-exam assessment: approx. 25 hours
120 marks, 60% of the qualification

What happens after this course?

After year 11 you could return to school and study Health and Social Care at A level. You could also study college courses related to health or vocational training such as cadet nursing or NVQs in child care.

Job Ideas!

- Nursing
- Social work
- Paramedic
- Working with children e.g. nursery nurse
- Physiotherapy
- Care work

Want to know more?

Contact the Health and Social Dept.

BUILT ENVIRONMENT (GCSE) – YSGOL SYR THOMAS JONES, AMLWCH

Why choose GCSE in Built Environment?

The WJEC GCSE in Built Environment offers a learning experience for 14 – 16 year olds which focuses on gaining and applying knowledge, skills and understanding through contextualised tasks and study. It provides an ideal introduction to the built environment.

What will I study?

Unit 1: Introduction to the Built Environment

In this examined unit you will develop knowledge, skills and understanding in the ideas and concepts related to the built environment. This will include the built environment life cycle, structures, materials, sustainability, careers and health & safety.

Unit 2: Creating the Built Environment

In this non-examined assessment unit (NEA) you have a choice of two pathways: Designing the Built Environment - focus is on 2D and 3D drawing skills; Constructing the Built Environment – focus is on the development of 2 practical skills. You are required to select just one pathway. The task in each pathway assesses your knowledge, understanding and skills in relation to identifying, interpreting and calculating information; writing success criteria; carrying out a range of techniques appropriate to the pathway and evaluating tasks.

Unit 3: Exploring the Built Environment

In this non-examined assessment unit (NEA) you will develop knowledge, skills and understanding in relation to the stages of the building life cycle; the stages and processes involved in the design, construction and value & use of the built environment.

The course consists of 3 units:

Unit	Built Environment	Assessment	Duration	Equals to
1	Introduction to the Built Environment	On-screen examination	1 hour 30 minutes	35%
2	Creating the Built Environment	Non-examination assessment*	25 hours	40%
3	Exploring the Built Environment	Non-examination assessment*	15 hours	25%

*non-examination assessment: marked by the teacher and externally moderated by WJEC.

How shall I be assessed?

WJEC GCSE Built Environment is graded **GCSE A* - G**.

Majority of the work is coursework in the form of controlled assessments with 1 online exam worth 35% of the overall grade.

What is the follow-on to this course?

You could continue their studies at school and Coleg Menai (level 3, higher) adding to their qualifications and specialising in a chosen field, then progress to work in the Construction industry or continue education in university.

Career Ideas.

Examples of careers would include:

Architect, Architectural Technician, Buyer, Computer Aided Designer Technician, Estimator, Site Inspector
Plant Technical Support, Roofing Technician, Sales in construction, Site Engineer, Structural engineer,
Quantity surveyor, Site manager, Electrical engineer, Mechanical engineer and many more.

What will I learn?

About the types of jobs and salons you could be working in and what it would be like to work in the hair and beauty industry. How to style hair and produce photographic make-up, provide basic manicures and learning how to keep a work area clean and tidy. About basic salon reception duties, how to treat customers, your personal presentation and your attitude to work and money. |

How will I learn?

The course will be taught in the Salon at Ysgol Uwchradd Bodedern on a Wednesday afternoon for Year 10 and on a Monday afternoon for Year 11. The course is a combination of folio tasks, online assignments and practical. You will have an opportunity to practice your skills before you are assessed so that you know exactly what to do. You will also have the opportunity to visit national exhibitions, annual shows, college and local hair and beauty salons.

What will I need?

You will need suitable salon clothing and shoes – flat black shoes, black skirt or trousers, black tunic and plain white or black top; no jewellery and if you have long hair it should be tied back.

How will I be assessed?

Through a combination of practical assessments, observation, coursework, and online multiple-choice examinations after each Unit.

What happens after this course?

After this, you will be well prepared for work and/or to start an apprenticeship in the hair and beauty industry.

Career paths!

- Hairdresser
- Barber
- Beauty Therapist
- Alternative Therapist
- Makeup artist
- Salon owner
- Product Consultant

Want to know more?

To find out more about this course you should ask Mrs Susan Hughes or contact www.careerswales.com.



What will I learn?

The course will help you to:

- investigate the quality of the customer experience in tourism organisations.
- review options for business solutions for a range of issues faced by tourism organisations.
- meet customer needs and the business environment in which tourism organisations operate to recommend how destinations could be enhanced to add to their appeal and popularity.

How will I learn?

- Educate learners to appreciate the range of employment opportunities available in the tourism industry
- Provide learners with the underpinning knowledge, understanding and skills associated with tourism organisations and activities.
- Visit tourist organisations and destinations in order to reinforce the learning in class, and to collect data for the internally assessed course work.

What will I need?

An obvious interest in the field of tourism. Skills in Numeracy / Mathematics, Literacy / English and Information Communication Technology will be relevant.

How will I be assessed?

INTERNALLY ASSESSED UNITS:

UNIT 1 – “Customer Experience” – Course Work (25%) starting at the end of the first term in Year 10

UNIT 3 – “Developing UK Tourist Destinations” – Course Work (50%) starting at the end of the first term in Year 11

EXTERNALLY ASSESSED UNITS:

UNIT 2 – “The Business of Tourism” – 75-minute exam (25%). Preparations start in term 2 of Year 10, exam is sat at end of Year 10 with option to re-take at end of Year 11.

What happens after this course?

Level 3 Vocational qualifications in Travel & Tourism.

Career paths!

Tourism; Hospitality; Travel Agents; Tour Operator; Hotel Management; Tour Guide; Event Management; Holiday Representative.

Want to know more?

To find out more about this course ask Mrs Nia Clwyd Jones, visit the WJEC website or contact: www.careerswales.com.



BUSINESS (EDEXCEL BTEC LEVEL 1/2 FIRST AWARD)

What will I learn?

This BTEC Business course will enable you to:

- Discover and learn about the world of Business.
- Offer education and training in business situations.
- Achieve a nationally recognised Level 2 vocationally specific qualification which will give the opportunity to enter employment in the Business sector.
- Improve your communication, ICT, numeric, problem solving skills and other interpersonal skills.

How will I learn?

The course will be undertaken through personal investigation, classroom discussion, activities and tasks, **and an external assessment.**

What will I need?

- An interest in business
- An investigative mind and motivation to work independently
- An ability to express yourself in writing
- A commitment to meet deadlines.

How will I be assessed?

There are four units, two core units and two option units that need to be studied, all of which carry 25% each of the award. The core unit, Enterprise in the Business World along with two option units are assessed internally. The other core unit, Finance for Business is externally assessed. (Online test 1 hour)

The Edexcel BTEC Level 1/Level 2 First Award:

is a level 2 qualification; however, it is graded at Level 2 Pass, Level 2 Merit, Level 2 Distinction, Level 2 Distinction*, Level 1 and Unclassified

What happens after this course?

After gaining your BTEC Level 2 in Business, you can further your studies at A level Applied Business or use this as a foundation for other business-related qualifications such as Economics, Finance, Administration and BTEC Level 3 Business The course also gives you many skills, both transferable and specific, that are applicable to the world of work.

Job Ideas!

- Marketing
- Accountancy
- Self employment
- Banking and insurance
- Administration and Human Resources

Want to know more?

For further information, please contact Mr Edward Jones.

ENGINEERING

(EDEXCEL BTEC LEVEL 2 FIRST AWARD IN ENGINEERING)

What will I learn?

This course will help you to learn:

- The range of job opportunities and types of companies you could work for locally and nationally.
- What it would be like to work in engineering.
- The engineered world.
- Investigating engineered products.
- How to create 3D models and 2D drawings and specifications to manufacture components using computer-controlled machines.
- How to design and create electronic circuits using industrial standards.
- How to fault find in electronic circuits to determine causes of faults.
- About Health and Safety Law and environmental issues in the workplace.

How will I learn?

The course is a partnership between Arfon and Môn secondary schools and Coleg Menai, is the equivalent of 1 GCSEs. Your school will arrange free transport to and from Coleg Menai and you will spend 3 hours a week in Year 10 and 11 at the Llangefni site. Site visits and experience with major local employers will also be organised. 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 so that you know and understand what you will have to do. **Mathematics is an integral and essential part of this course.**

What will I need?

Students will be required to wear suitable Personal Protective Equipment (PPE) whilst in the workshops, (eg safety glasses and overalls) which will be provided by Coleg Menai.

How will I be assessed?

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

What happens after this course?

At the end of this course here are some of the pathways available:-

- Follow a mix of vocational and academic courses as part of a school / Coleg Menai partnership. eg BTEC Level 3 Certificate / Subsidiary Diploma / AS / A level.
- Follow an Engineering qualification at level 2 or level 3 at Coleg Menai. eg. BTEC Level 2 Diploma, BTEC Level 3 Subsidiary Diploma, Diploma or Extended Diploma.
- Follow an NVQ qualification in a related sector at level 2 or level 3 at Coleg Menai. eg. NVQ Performing Engineering Operations.
- Follow a modern apprenticeship scheme.

Ultimately degrees and professional qualifications can be achieved by following any of these pathways.

Job Ideas!

- Professional Engineer
- Engineering Team Leader
- Design Engineer

Want to know more?

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

<http://qualifications.pearson.com/en/qualifications/btec-firsts/engineering-2012-nqf.html>

Or contact: www.careerswales.com



Coleg
Menai



VEHICLE TECHNOLOGY L2 (EDEXCEL BTEC LEVEL 2 EXTENDED CERTIFICATE IN VEHICLE TECHNOLOGY)

What will I learn?

This course will help you to learn about all aspects of the motor vehicle.

- The fundamental basics of -
- Engines and associated systems
- Powertrains
- Steering, brakes and suspension systems
- Wheels and tyres
- Maintenance

How will I learn?

You will learn through taught theory sessions in the classroom and practical sessions in our purpose built workshops in Llangefni.

What will I need?

Enthusiasm, work ethic and a real interest in automotive engineering.

How will I be assessed?

Assessments will be through written assignments and practical assessments.

What happens after this course?

You will finish the course at the end of Year 11. You will then open then have the opportunity to study full time at Llangefni up to L3 on our new and exciting Motorsport course. GCSE resits are available and be able to complete an A level in conjunction.

Career Ideas!

- Mechanic/Fitter
- Technician/Master Technician
- Design Engineer
- Motorsport development



HAIR AND BEAUTY

(VTCT LEVEL 1 EXTENDED AWARD IN HAIR & BEAUTY SKILLS)

What will I learn?

This course will help you to learn:

- About the types of jobs and salons you could work in and what it would be like to work in the hair and beauty industry.
- Basic practical Hair technique skills
- Basic practical Beauty skills
- You will be able to produce a total Hair and Beauty look using the skills you have developed
- You will choose from a range of practical options
- Basic anatomy and physiology of the hair and skin

How will I learn?

The course is based on the Bangor Coleg Menai site for 3 hours a week in Years 10 and 11 and transport will be provided from and back to your school. This course is a mix of classroom and practical tasks and 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.

What will I need?

Learners will be given a tabard to wear in practical sessions. You will need a file, dividers and plastic wallets.

For the practical aspects if you want to bring your own make-up or nail art products that will be acceptable.

How will I be assessed?

You will produce coursework which is assessed mainly by your course tutor. At the end of the course, you will carry out practical assessments to determine your final grade-Pass Merit or Distinction.

What happens after this course?

After Year 11, you could go on to the NVQ Diploma Level 1 in Hairdressing or Beauty Therapy or a Foundation Modern Apprenticeship Level 2. After all this, you will be well prepared for work and/or to start an apprenticeship in the hair and beauty industry. But, if you don't fancy carrying on with hair and beauty, you could choose other suitable qualifications depending on what you want to look at next. Your careers adviser will be able to help you with your choices when you leave school.

Job Ideas!

- Hairdresser
- Beauty Therapist / Alternative Therapist

Want to know more?

To find out more about this course visit the following web page: <https://www.vtct.org.uk/find-a-qualification/>

Or contact: www.careerswales.com

THE COURSE IS NOT SUITABLE FOR LEARNERS WITH NUT ALLERGIES

CONSTRUCTION (CITY & GUILDS LEVEL 1 CERTIFICATE IN CONSTRUCTION SKILLS)

What will I learn?

This course will help you to learn:

- About the types of jobs and building sites you could work in and what it would be like to work in the construction industry;
- How to do basic Brickwork, Plastering, Joinery, Painting and Decorating, how to keep a work area clean tidy and how to work safely in the construction industry;
- About environmental issues, health and safety and law in the workplace.

How will I learn? The course is based on the Llangefni Coleg Menai site for 3 hours a week in Year 10 and 11 and transport will be provided from and back to your school. This course is a mix of classroom and practical tasks and 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.

What will I need? Students will be required to wear suitable personal protection clothing (safety boots and overalls) which will be available from the College.

How will I be assessed? You will produce coursework which is assessed mainly by your course tutor. At the end of each course unit, you will complete a practical task assessment that will test your knowledge.

What happens after this course? After Year 11, you could go on to the City and Guilds Diploma level 1 / 2 full time or as an apprentice in Brickwork Plastering and Joinery on a day release basis leading to a Diploma / NVQ level 2 or a day release ICA/NVQ level 2 construction course. After all this, you will be well prepared for work and/or to start further training in the construction industry.

But, if you don't fancy carrying on with construction, you could choose other suitable qualifications depending on what you want to look at next. Your careers adviser will be able to help you with your choices when you leave school.

Job Ideas!

- Bricklayer
- Painter and Decorator
- Plasterer
- Joinery

Want to know more?

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

<http://www.cityandguilds.com/qualifications-and-apprenticeships/construction/construction/6219-construction-skills#tab=information&acc=level1>

Or contact: www.careerswales.com

COURSE NOT SUITABLE FOR LEARNERS WITH ECZEMA

AUTOMOTIVE ENGINEERING (CITY & GUILDS NVQ LEVEL 1 IN PERFORMING ENGINEERING OPERATIONS)

What will I learn?

This course will help you to learn:

- About the types of jobs and places you could work in and what it would be like to work in the automotive industry
- How to do basic mechanical equipment servicing and scheduled maintenance jobs, sheet metal working, cutting and welding, how to keep a work area clean and tidy and how to work safely in the automotive industry
- About environmental issues, health and safety and law in the workplace.

How will I learn?

The course is based at the Llangefni Coleg Menai site for 3 hours per week in Year 10 and 11 and transport will be provided from and back to your school. The course is a mix of classroom and practical tasks and 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.

What will I need?

Students will be required to wear suitable personal protective clothing (safety boots and overalls) which will be available from the College.

How will I be assessed?

You will produce a log book and portfolio which is assessed mainly by your course tutor.

What happens after this course?

After Year 11, you could go on to the City and Guilds Auto Maintenance and Repair or a day release City and Guilds Auto Maintenance course. You could also study a full-time City & Guilds Welding course / City & Guilds Welding apprenticeship or a full time City & Guilds Performing Engineering Operations Level 2 course at the college. After all this, you will be well prepared for work and/or to start further training in the automotive industry. But, if you don't fancy carrying on with automotive engineering, you could choose other suitable qualifications depending on what you want to look at next. Your careers adviser will be able to help you with your choices when you leave school.

Job Ideas!

- Car Mechanic
- Heavy Vehicle Mechanic
- Engineer / Technician
- Welder/Fabricator

Want to know more?

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

<http://www.cityandguilds.com/qualifications-and-apprenticeships/engineering/mechanical/7682-performing-engineering-operations#tab=information&acc=level1> Or contact: www.careerswales.com

ENGINEERING (CITY & GUILDS NVQ LEVEL 1 IN PERFORMING ENGINEERING OPERATIONS)

What will I learn?

This course will help you to learn:

- About the types of jobs and companies you could work in and what it would be like to work in engineering.
- How to use hand tools and machines safely for cutting and shaping and how to prepare a work area.
- About environmental issues, health and safety and law in the workplace.
- About your attitude to work and money and how to manage your personal finance.

How will I learn? The course is based on the Llangefni Coleg Menai site for 3 hours a week in Year 10 and Year 11 and transport will be provided from and back to your school. This course is a mix of classroom and practical tasks and 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.

What will I need? Students will be required to wear suitable personal protection clothing (safety boots and overalls) which will be available from the College.

How will I be assessed? You will produce coursework which is assessed mainly by your course tutor.

What happens after this course? After Year 11, you could go on to the Level 2 BTEC Extended Certificate or a modern apprenticeship. After all this, you will be well prepared for work and/or to start an apprenticeship in engineering. But if you don't fancy carrying on with engineering, you could choose other suitable qualifications depending on what you want to look at next. Your careers adviser will be able to help you with your choices when you leave school.

Job Ideas!

- Engineer
- Engineering Technician
- Craftsperson
- Welder/Fabricator

Want to know more? To find out more about this course, visit the following web page: (to be confirmed)

<http://www.cityandguilds.com/courses-and-qualifications/engineering/mechanical/7582-performing-engineering-operations>

Or contact: www.careerswales.com