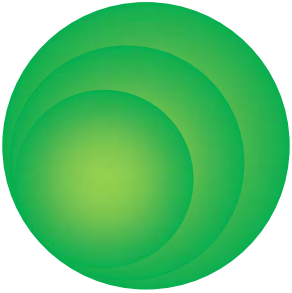




**Bryn Celynnog
Y Pant
Consortium**



**Post 16
Choices Booklet
2009**

**Broadening Choice
Extending Opportunities**

Opportunities in the Sixth Form Consortium

The Consortium Sixth form is open to any student who will benefit from the education and opportunities we offer. All prospective entrants will be offered guidance on the range of options open to them at enrolment, however, the final decision on admission will rest on with the respective Heads of School at each centre.

If you are considering continuing your education with the Consortium you should be asking yourself the following questions:

- ✚ Is the curriculum provided relevant to your future career and educational aspirations?
- ✚ Does the curriculum offer enough breadth and balance allowing you to the develop skills, competence and knowledge which will be useful in future life?
- ✚ Is the social environment supportive and stimulating, giving you to establish good personal relationships with fellow students and staff?

The BYC Consortium's activities are organised so that it can satisfy all these expectations and aspirations. The two schools work in unison to offer a broad range of opportunities and experiences, students have greater flexibility in their options choices to follow a curriculum which suits their goals.

BYC places equal worth and value on all students, irrespective of race, gender and background. Each student is treated as an individual and the Consortium endeavours to provide the academic and social opportunities to meet the needs of all individuals.

BYC seeks to provide:

- ✚ The opportunity to obtain academic and vocational qualifications which are required for higher, further education and employment.
- ✚ The opportunity to mature and develop in an environment which is familiar and conducive.
- ✚ The opportunity to discuss academic, personal and social problems with an experienced pastoral team.
- ✚ The opportunity to take responsibility and acquire leadership skills. Students are encouraged to participate in social activities, charity work and community activities both in and out of school.
- ✚ Sixth Form teaching staff who are experienced, committed, of high quality and place great emphasis on encouraging students to fulfil their potential.

Expectations of students

BYC is a sort of partnership between students, teaching staff, pastoral advisors and Heads of Year that is not possible lower down the school. Your status when you join the BYC will bring you certain privileges. You will have far greater freedom than you have had before, and far more time away from formal tuition. We recognise your status by providing you with common rooms for relaxation along with several private study areas in both schools. This new freedom, however, demands greater responsibility.

For example you must seek to find the correct balance between work, socialising and studying during your limited non tutor-contact time.

In order to be successful you will need self-discipline and be able to set yourself targets. You will be encouraged to take responsibility for yourself, work with some degree of independence develop ideas and attitudes.

Returning to the sixth form also brings with it certain responsibilities. As a member of the consortium you are perceived as a role model for the rest of the school you are studying at and you should strive to present a suitable image.

You will be expected to attend lessons punctually, attendance at lessons will be monitored and you are required to provide notes to explain any absences, do homework/coursework on time, and seek advice when you have difficulties.

Your choices may mean that you will have to travel between Bryn Celynnog and Y Pant, this transport will be provided. You will be expected to meet the departure times punctually and respect the school you are visiting.

Types of courses on offer

GCE ADVANCED LEVEL






Since September 2000, all Advanced Level courses have been based on four or six approximately equal sized units (modules).

The first two or three units are designated as Advanced Subsidiary (AS) and are based on Year 12 work. The final two or three units are designated as A2 units and are based on Year 13 work.

Some of the A2 units have elements of synoptic assessment i.e. they examine work done in Year 12.

An AS qualification exists on its own and it carries the UCAS points equivalent to half of an A level. Pupils might decide not to carry on with A2 work in a particular subject or start doing a different AS subject in Year 13. (Timetable constraints permitting).

The purpose of AS is to :-

-  Provide better progression from GCSE to A Level
-  Encourage students to study a BROADER range of subjects in Year 12.
-  Subjects will be placed in five option pools
-  Four options will be jointly offered to pupils in the BY Consortium [see later]
-  Pupils will have the opportunity to choose up to 5 AS levels from different option pools.

GRADING AND ASSESSMENT

Both A level and AS level will be graded at A, B, C, D, E pass grades and U (unclassified) denoting a fail.

Consortium policy is to recommend a maximum of one resit module per subject per examination session.

A deposit of £15 will be levied for each resit module entered. If the student improves their grade the deposit will be refunded.

Pupils with low attendance figures, without valid reasons, will be expected to pay for all examination entries.

BTEC firsts

Level 2 equivalent to 4/5 GCSEs grades A-C

GRADING

All units are assessed and graded in school with pass, merit and distinction grades.

KEY SKILLS

A qualification based on the Key Skills of communication, application of number and information technology.

Assessment consists of a portfolio of evidence.

Key skills are available at levels 1-3 and have a UCAS tariff.

Level 1 equivalent GCSE	D-G
Level 2 equivalent GCSE	A*-C
Level 3 equivalent GCSE	A/As level

Key skills will be an integral part of the subjects students are studying.

All sixth form students are expected to generate a portfolio of evidence which can be submitted in order to gain Key Skill qualifications in:

Assessment and Reporting

ASSESSMENT AND EXAMINATION

Students are assessed on a regular basis and in a manner which is directly relevant to the type of course they are studying. All aspects of a student's performance academic, personal and social are monitored.

REPORTING

All parents and students over 18 will receive full written reports on progress each year. In addition, there will be termly progress checks.

In each of their subjects pupils will be given a target grade that is based on their GCSE and CAT Test performance.

Monthly attendance checks will be made and parents informed if a pupils' attendance in lessons falls below 90%. If a pupil's attendance falls below 85% they will be expected to pay their examination entry fees and in cases where a pupil's attendance is very low they will not be entered for any examinations

CHOOSING YOUR COURSE

You should be sensible in the choice of course you make in the Sixth Form. It is important to choose a course best suited to your aptitude, competence and future aspirations.

Now you are at the end of compulsory schooling in Year 11 you will either:

Know your career intentions OR have a general idea of a future career OR not yet have made up your mind about a future career.

You will need to base your choice on these cases.

YOU HAVE A DEFINITE CAREER IN MIND

If after full consultation with your parents, career teacher officers and subject teachers you have a definite career in mind, you should know the entry requirements in terms of examination subjects which need to be passed and/or the further or higher education or job training which is involved. You should therefore choose the "A" level or BTEC Firsts course, or a combination of those which will fit these requirements. You will need to discuss with the Sixth Form advice team or subject teachers whether your ambition is realistic in terms of your respective strengths and weaknesses. A final choice may need to await your GCSE results.

YOU HAVE A GENERAL IDEA ABOUT YOUR FUTURE CAREER

You may have only tentatively chosen a career field, but are not yet certain of the specific career you would like to aim for e.g. "You may be inclined towards a career in social services, engineering or business".

If this is the case you must look for all the advice and help you can get before choosing your course. You will be able to pin-point the subjects needed to realise your goal.

YOU HAVE NOT YET MADE UP YOUR MIND ABOUT A FUTURE CAREER.

If you genuinely have no idea what career you would like to follow the best course of action would be to consider the subjects, you enjoy doing and are good at. If you have a broad base of GCSEs, and for example, enjoy an arts subject such as English and have performed quite well in it at GCSE, then this would be a wise choice of an "A" Level.

HOW DO YOU FINALLY MAKE YOUR CHOICE?

This booklet is designed to help you make your choices :

The contents are arranged alphabetically to make your task of searching through the information easy. It does not reflect in any way the importance we attach to one particular course over another, all are equally valued.

After reading the information you will need to decide whether "A" levels, BTEC Firsts or a combination of both is best suited to your particular aptitude and ability.

If you require more information please consult the appropriate department.

When you have made your choice, complete and return the Option Choice Form at the back of the prospectus.

EDUCATION MAINTENANCE ALLOWANCE (EMA)

Students who have a household income below a minimum threshold can apply for an EMA worth up to £30 per week. For more details contact your careers guidance teacher or phone the Customer Services Team on 0845 602 8845.

Option Choices

The following table contains the range of options available within the consortium. Some are exclusively offered at one site in each column, in some cases the subject will run simultaneously in both. In some cases the subject may be taught jointly between the two centres which will require some movement between the schools.

Within Column E students must choose a subject at their home school.

These options are provisional and are subject to change when student numbers have been finalised.

	<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	<u>Option D</u>	<u>Option E</u>
Bryn Celynnog	Geography	Health and Social Care	Media Studies	Chemistry	History
	Mathematics	Physics	Human Biology	ICT	Geography
	Physical Education	English	Biology	Performing Arts	Psychology
	Art	Business Studies History	Design Technology French	Textiles Welsh	Spanish Further Mathematics
Y Pant School	Art	Business Studies	Design Technology	Welsh	Spanish
	Physical Education	History	French	Drama	Biology
	English	Media Studies	Chemistry	Health and Social Care	English
	ICT	Biology	Geography	Mathematics	Travel and Tourism
	Music Physics	ICT	Psychology Home Economics	Religious Studies	

Key to Options

Purple Bryn Celynnog
 Blue Y Pant

Subject: Art and Design :
Level : AS and A2
Exam Board: W.J.E.C
Location: Bryn Celynnog

Details

The course is intended for students who wish to pursue, extend and develop their studies of Art to a greater depth than that required for GCSE. Students are expected to take risks in their work through investigation of ideas and the exploration of materials, techniques and processes. Students are also required to study in depth, the work of contemporary and historical practitioners to inform their own practice.

AS Modules	
ART1	One unit of coursework consisting of a portfolio of work which is selected, evaluated and presented for assessment by candidate.
ART2 Controlled Test	One unit externally set. After a period of preparation a supervised controlled test of eight hours is taken.
A2 Modules	
AR3	One unit of coursework that requires candidate to communicate their understanding through images and texts that include a written element of no less than 1,000 words.
AR4 Controlled Test	One unit externally set presented to the candidates at the start of the preparation period followed by a controlled test of twelve hours.

All units are internally assessed and externally moderated in June.

Requirements/skills for entry onto the course.

All students should have at least a grade "B" in GCSE Art and Design. Students who have a "C" grade will be accepted following consultation with staff and on the condition that the first term is a probationary period. The course is demanding and requires a high level of commitment, motivation and self-discipline. Students who show initiative and are well motivated will develop self-confidence and increase their personal development.

Career Opportunities.

Students may progress on to a one year Foundation course at college, on the evidence of a sound portfolio of work at interview. The choice is varied and students should consult their teacher for further information.

The A Level course in Art and Design is stimulating and rewarding in its own right, whether or not the student is specifically aiming at a career in this field. It is a recognised qualification for entry into Higher Education.

Subject: Art and Design: Fine Art
Level: AS and A2
Exam Board: Edexcel
Location: Y Pant School

Details

The A-Level Art course is intended for students who wish to pursue, extend and develop their studies of Art to a greater depth than that required for GCSE. The Fine Art Specification encourages students to take risks in their work through investigation of ideas and the exploration and experimentation of materials, techniques and processes. Students are also required to study, in depth, the work of contemporary and historical practitioners to inform their own practice.

Requirements / skills for entry onto the course

All students should have at least a grade 'B' in GCSE Art and Design. Students who have a 'C' grade will be accepted following consultation with staff and on the condition that the first term is a probationary period and progress will be carefully monitored. The course is demanding and requires a high level of commitment, motivation and self discipline, particularly when researching in Art Galleries, libraries and completing workbooks and working independently in the 6th form studio and out of school. Students who show initiative and are well motivated will develop self confidence and increase their personal development.

Brief outline of the course and method of assessment

The full A Level qualification is made up of AS and A2 level. AS Level is followed in Year 12, students complete two units of work:

Unit 1	Art & Design Coursework (60% of AS / 30% of A2) For this unit students will explore the expressive nature of Art & Design.
Unit 2	Externally Set Assignment (40% of AS / 20% of A2) The externally set assignment represents the culmination of the AS course. Students are given an 8 week preparatory period to plan for the 8 hour controlled test. The theme set by the examining board will be a broad one and in the same way as the GCSE exam theme operates, will allow for personal interpretation and a wide use of media.

At the end of Year 12, most students will go on to complete the full A Level award during Year 13.

Career opportunities

Students may progress on to a one year Foundation course at college, on the evidence of a sound portfolio of work at interview. Interviews for the Foundation course take place after Christmas in Year 13. Following the foundation year, students can then choose to study at degree level one of the many exciting and rewarding fields of Art and Design, e.g.: Fine Art, 3D Design, Fashion Design, Textile / Interior Design, Graphics, Illustration, Ceramics, Metalwork or glass forming, Film, Animation, etc. The choice is varied and students should consult their teacher for further information.

The A Level course in Art and Design is stimulating and rewarding in its own right, whether or not the student is specifically aiming at a career in this field. It is a recognised qualification for entry into Higher Education.

A sixth form studio space has been created in the Art Department enabling students to work purposefully in study periods.

Staff to consult for further information:

Mrs Gold, Mrs Nowell-Hughes, Mrs Harris.

Subject: Biology
Level: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

Requirements/Skills for entry to the Course

Biology component of Core Science GCSE - B or above
 Biology component of Additional Science GCSE - B or above

An understanding of chemical and mathematical concepts is essential as is the ability to write extended prose. At least a grade C in English, Mathematics and Chemistry components of Core and Additional Science GCSE is recommended therefore.

Brief outline of the Course

AS (3 Units)

Unit Title	Weighting (%)	Assessment
Basic Biochemistry and Cell Organisation	20	Written Paper - 1 hour 30 mins
Biodiversity and Physiology of Body Systems	20	Written Paper - 1 hour 30 mins
Practical Assessment including microscope work	10	Carried out in lesson time but marked by the WJEC

A Level (in addition to the units above)

Unit Title	Weighting (%)	Assessment
Metabolism, Microbiology and Homeostasis	20	Written Paper - 1 hour 45 mins Small synoptic element
Environment, Genetics and Evolution	20	Written Paper - 1 hour 45 mins Small synoptic element
Practical Assessment including microscope work	10	Carried out in lesson time but marked by the WJEC

The Biology AS and A Level course aims to:

- Provide a broad factual base and stimulate an interest in the subject
- Promote an investigatory approach and understanding of scientific methods
- Provide a critical appreciation of wider issues arising from the subject.

For example

Human Genome Project, gene therapy, genetic engineering, DNA fingerprinting, Greenhouse Effect, agricultural exploitation, pest control, disease and disease control, vaccination programmes, antibiotic overuse, evolution and natural selection, cloning and the effects of drugs.

Career Opportunities/Additional Information

Very important for Medicine, Dentistry and allied fields. Careers opportunities exist in many areas such as the Food Industry, Sports Science, Environmental Health and obviously forms a base for many science based degree courses.

Staff to consult for further information

Mrs. E. Mitchell, Mrs. J. Griffiths, Mr. I. Dyson

Subject: Biology
Level: AS and A2
Exam Board: AQA
Location: Bryn Celynnog

Details

The new specification presents essential principles in contexts that students will find interesting. Fundamental Biology is studied through aspects of disease causing organisms and their effects.

This course builds upon concepts and skills that have been developed in the GCSE Science course.

It presents Biology as exciting, relevant and challenging.

The course emphasises the way in which scientists work and the contributions of science to modern society.

AS MODULES
<ul style="list-style-type: none"> • Biology and disease
<ul style="list-style-type: none"> • The variety of life
<ul style="list-style-type: none"> • Investigative and practical skills

A2 MODULES
<ul style="list-style-type: none"> • Populations and environment
<ul style="list-style-type: none"> • Control in and out of cells
<ul style="list-style-type: none"> • Investigative and practical skills

Career Opportunities

Studying Biology is a good entry route into a variety of careers, ranging from veterinary work, animal husbandry, environmental sciences, biochemistry, therapeutic medicine and medical careers. As a subject, Biology is a well-respected qualification for entry into higher education and the world of work, as it indicates a high level of analytical skills.

Requirements/Skills for entry onto the course

All students should have at least 2 grade B's in GCSE Science.

Staff to consult for further information

Dr Murray, Mrs K Zdzieblo

Subject: Human Biology
Level: AS and A2
Exam Board: AQA
Location: Bryn Celynnog

Details

This course has been developed for candidates who wish to specialise in those aspects of Biology that relate particularly to the human animal. A distinctive feature of the specification is the way in which the content is presented through the use of work related contexts, many of which are taken from the caring and biomedical professions. This unique approach gives the subject relevance and interest. The scheme of assessment has also been constructed to reflect this approach, with many questions based on the “vocational” applications of Human Biology. The course content relating to health, caring, first aid and social and ethical issues make the specification one of general interest. It complements and supports studies in many other subjects, including social studies, psychology, sports science and environmental science. There are also strong links with VCE Health and Social Care.

AS Modules
<ul style="list-style-type: none"> The body and its diseases
<ul style="list-style-type: none"> Humans - Their origins and adaptations
<ul style="list-style-type: none"> Investigative and practical skills in AS Human Biology

A2 Modules
<ul style="list-style-type: none"> Bodies and Cells in and out of control
<ul style="list-style-type: none"> The air we breathe, the water we drink, the food we eat.
<ul style="list-style-type: none"> Investigative and practical skills in A2 Human Biology

CAREERS OPPORTUNITIES

Studying Human Biology is a good entry route into a variety of careers. Many students go on to study for science degrees or into medical and paramedical careers, physiotherapy, sports medicine and nursing.

REQUIREMENTS / SKILLS FOR ENTRY ONTO THE COURSE

All students should have at least 2 grade B's in GCSE Science.

Subject: Business Studies.

Level: AS and A2

Exam Board: AQA

Location: Y Pant School

Requirements/Skills for entry to the Course

Students should have 5 GCSE grade C passes. There is no requirement to have followed GCSE Business Studies previously.

Details

The Business Studies Department offers the AQA Advanced GCE in Business Studies (2130) specification in Year 12 and 13. This course offers a logical progression for those who have studied GCSE Business Studies with the same examination board and yet provides an opportunity for those opting for the subject for the first time.

The course can be studied at AS or A level a summary of the scheme of assessment for AS and A level is set out in the table below.

The course aims to:

- develop students' critical understanding of organisations, the markets they serve and the process of adding value. This will involve consideration of the internal workings and management of organisations and the process of decision-making in a dynamic external environment.
- create students' awareness that business behaviour can be studied from the perspectives of a range of stakeholders including customer, manager, creditor, owner/shareholder and employee.
- enable students to acquire a range of skills including decision-making and problem solving in the light of evaluation and, where appropriate, the quantification and management of information.
- Involve students in visits to businesses to observe production methods.

The specification offers the opportunity for students to cover the full range of key skills.

The Specification at a Glance

Advanced Subsidiary	
Unit 1	Business Planning and Financing This section provides candidates with an introduction to the scope of Business Studies within the context of starting a new business. Candidates will be expected to have an understanding of the range of activities involved in setting up a small business.
Unit 2	Managing a Business This section introduces candidates to the importance of the management of finance. Candidates should understand that financial measures can be used to indicate how well a business is managed and should understand actions that can be taken to improve financial performance. Candidates will be expected to carry out calculations and to be able to interpret their results. This section builds upon 'Financial Planning' in Unit One.

Advanced G.C.E.	
Unit 3	Strategies for Success In the study of this unit candidates should examine the topic areas below in relation to the core themes of setting objectives, measuring performance and devising strategy.
Unit 4	The Business Environment and Managing Change This considers the relationship between businesses and external factors. It examines how external factors can impact upon businesses, and the responses they may take. The unit also examines a number of themes which are important in the strategic management of businesses, for example, leadership and corporate culture. Candidates should consider how businesses can manage change successfully. This unit will be studied through a variety of real business contexts to allow candidates to understand how the impact and response to change varies.

Staff to consult for further information. - Miss J. Gavaghan/Mr S Rees

Subject: Business Studies (320 80)
Level: AS and A2
Exam Board : WJEC
Location: Bryn Celynnog

Details

This course encourages students to take a problem-solving approach to Business Studies in order to help them understand the nature and operation of business and industry and to develop their ability to recognise, define, analyse and evaluate problems. Whenever appropriate, ICT resources are used e.g. construction of break-even charts and internet based research.

AS Modules	
BS1 The Business Framework	Short answer questions, all compulsory - (20%)
BS2 Business Functions	Data response plus short answer questions, all compulsory - (30%)

A2 Modules	
BS3 Business Decision Making	Compulsory questions based on a case study - (25%)
BS4 Business Strategy and Practice	Section A - Compulsory short answer questions and problem solving questions. Section B - One synoptic essay from a choice of 3. (25%)

Requirements/Skills for entry onto the course

No prerequisite subject qualifications expected, but a high level of numeracy and literacy is required. Good ICT skills would also be beneficial. Involvement in this course will result in the development of higher level skills - especially those of analysis and evaluation.

Career Opportunities

This course is a demanding but highly interesting one and would be an excellent preparation for those anticipating a business-related degree course or perhaps a career in commerce and industry.

Subject: Chemistry
Level: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

What is the Course about?

This course builds on skills acquired at GCSE and develops the student's ability to assimilate knowledge, concepts and techniques. There is also a significant development in practical skills through which the student will learn about the importance of experimental evidence and the theories that arise from this. The course looks at the beneficial role chemistry plays in society for example the manufacture of polymers such as polyester and nylon and pharmaceutical products like aspirin. Analytical techniques, widely used in the detection of drugs and environmental monitoring, are also studied.

in

Requirement/Skills for entry to the course

A minimum of a BB grade in GCSE double award science is essential. A C grade in maths is also recommended.

Brief outline of the course structure and assessment

AS level

Students will be required to sit 2 exams based on the following:

Module 1	Controlling and using chemical changes Atomic structure and radioactivity, calculations in chemistry, energy of reactions. CH1, 1 hr 30 mins, 40% of overall AS mark (20% of A level).
Module 2	Properties, structure and bonding Chemical bonding, the periodic table, organic compounds and their reactions, analytical techniques. CH2, 1 hr 30 mins, 40% of overall AS mark (20% of A level).
	AS chemistry practical unit - 2 pieces of practical coursework are also required, 20% of the overall AS mark (10% of A level).

A2 level

Students will be required to sit 2 exams based on the following:

Module 4	Spectroscopy and organic chemistry. Colours, NMR, further reactions of organic compounds, analysis and synthesis of compounds in industry and pharmacy. CH4, 1 hr 45 mins, 20% of overall A2 mark
Module 5	Physical and Inorganic chemistry. Electrochemistry (batteries), the periodic table, energy of reactions, reactions in equilibrium. CH5, 1 hr 45 mins, 20% of overall A2 mark
	A2 chemistry practical unit - 2 pieces of practical coursework are also required 10% of the overall A2 mark.

Career Opportunities and Additional Information

Chemistry is a requirement for medical degrees and many related fields e.g. dentistry, pathology, pharmacy, physiotherapy etc. It would also be an advantage for the following: veterinary science, zoology, engineering, environmental science, archaeology, forensic science and many more.

Staff to consult for further information:

Dr S Ford, Mrs S Padfield, Dr N Caulfield

Subject:	Chemistry
Level:	AS and A Level
Exam Board:	OCR
Location:	Bryn Celynnog

Details

The chemistry course is intended for pupils who wish to pursue their studies of chemistry to a greater depth and understanding than that required for GCSE. The emphasis of this course is on developing understanding and applying knowledge to explain modern applications of chemistry.

The specification is divided into chemical topics, each containing different key concepts of chemistry. Once key features of a chemical topic are developed a range of applications will be considered. Knowledge and understanding of key concepts in chemistry will be assessed separately from practical skills which will be developed throughout the course.

The course is divided into the following areas:

<u>AS Level</u>	<u>A2 Level</u>
F321: Atoms, Bonds and Groups <ul style="list-style-type: none"> ◆ Atoms and reactions ◆ Electrons, Bonding and Structure ◆ The Periodic Table ◆ 	F324: Rings, Polymers and Analysis <ul style="list-style-type: none"> ◆ Rings, Acids and Amines ◆ Polymers and Synthesis ◆ Analysis
F322: Chains, Energy Resources <ul style="list-style-type: none"> ◆ Basic Concepts and Hydrocarbons ◆ Alcohols and Halogenoalkanes ◆ Energy ◆ Resources ◆ 	F325: Equilibria, Energetics and Elements <ul style="list-style-type: none"> ◆ Rates, Equilibrium and pH ◆ Energy ◆ Transition Elements
F323: Practical Skills In Chemistry 1	F326: Practical Skills in Chemistry 2

Assessment

Units F321 and F322 at AS level and units F324 and F325 at A2 level are assessed through written examinations. The practical skills units are assessed by internal assessment.

Entry Requirements

All students should have at least a B grade in their GCSE science studies. Students opting to study chemistry should have an enquiring mind and an interest in and aptitude for science studies. The chemistry course is academically challenging and students need to have good time management skills and the motivation to work to the best of their abilities.

Careers Opportunities

Follow a degree course in Chemistry, Environmental Science, Medicine, Pharmacy, Forensic Science or one of many other courses. Follow a Higher National course in Applied Chemistry, Beauty Therapy, Engineering, Environmental Science, Sports Studies etc.

Employment opportunities are available in the areas of pharmacy, biotechnology, chemical engineering, medical science, research and development and many more.

Subject: Childrens Care, Learning and Development
Level: Level 2 BTEC First Diploma
Exam Board : Edexcel
Location: Bryn Celynnog

Details

This course is intended for students who wish to pursue a career within the child care sector. Those students who successfully complete this course should be able to progress to employment in the sector in a supervised role. Students will be required to complete 300 hours of work placement allowing them to gain valuable skills and experience in the child care sector.

Units

Six need to be completed to obtain the diploma, all are internally assessed and externally moderated.

UNIT 1	Understanding Children’s development Students will look at how children develop and understand the role of observation of children in the workplace. (Portfolio evidence).
UNIT 2	Keeping Children Safe In this unit students will gain an understanding into the need to keep children safe, protect them from injury and deal with accidents and emergencies. (Portfolio evidence).
UNIT 3	Communication with Children and Adults This concerns the key features of good communication and interaction. Students will gather portfolio evidence of a variety of interactions and develop their communication skills.
UNIT 4	Preparing and maintaining Environments for childcare Learners will gain an understanding of how to prepare and maintain a safe, secure and encouraging environment. Consideration will be given to building children’s confidence. It will also include the provision of food and drink. Portfolio evidence will be assessed.
UNIT 5	Professional Development Roles and Responsibilities in Child Care Students will gain knowledge, understanding and skills enabling them to develop professionally within the work placement. Much of the evidence for this portfolio will be obtained during work placement.
UNIT 6	The Development and Care of Babies and Children under three years. Students will study the growth and development of babies and young children. Provide physical care, bathing, feeding, communication with young children and look at the play activities that can stimulate development. Assessed through portfolio evidence.

Requirements/skills for entry to course

1-4 GCSE’s. The commitment and self motivation to attend at least 300 hours of work placement.

A genuine interest in working in the early years sector or with children.

Career Opportunities

Progression on to the BTEC National. Working in crèches, nurseries, with children and young people.

It is designed to prepare you for employment within the care sector.

Subject: Design Technology: Product Design - Specialising in Resistant materials Technology
Level: AS and A2
Exam Board: EDEXCEL
Location: Y Pant School

Course content

There are 4 units in all: 2 for the AS and a further 2 for the full A Level.

Advanced Subsidiary	
Unit 1	Product Development - Course work project. 50% of AS level. 25% of A level
Unit 2	Written Paper- 2 Hrs. Knowledge & Understanding of Product Design. 50% of AS level. 25% of a level.
Advanced G.C.E.	
Unit 3	Exam 2 hrs. Further study of product design. 25% of A level
Unit 4	Design and Make project of approx 50 hours of supervised time. 25% of A level marks. Students select their own context, from which they must design and make a product that meets the original need.

The relationship between the subject content and the examination papers is explicitly stated so that candidates can be clear of the scope of each paper.

The new IT facilities and tooling resources within the D&T block will enable candidates to carry out extensive research and produce high quality presentation both in text, graphics and practical skills

Candidates will, at all times, be encouraged to use their own initiative both in designing and making. The course is designed so that personal interests and qualities can be emphasised, so that their individual qualities can shine through.

The subject is useful to demonstrate to universities how candidates are able to work through a problem using logical systems to overcome problems. A great number of skills, useful in many courses, are required e.g. research, analysis, evaluation. Anyone wishing to pursue careers related to design or engineering (and there are many of these graduate careers) will find the course stimulating and have great benefit.

Career Opportunities/Additional Information

All aspects of Engineering, Graphical Design, Product Design and Teaching.

Pupils can opt for this subject having taken Engineering, Resistant Materials or Graphics at GCSE level.

Staff to consult for further information

Mr. M. Stephens, Mr G. Jones, Mr J. Owen

Subject: Design and Technology Product Design
Level: AS and A Level
Exam Board: WJEC
Location: Bryn Celynnog

Details

AS Module Comprises:

DT1 - **Product Design** - Examination paper containing two sections which will assess candidates' knowledge and understanding drawn from the subject content listed under: Designing and innovation.

DT2 - **Design & Make Task**- Candidates will submit one design and make task which will satisfy the AS assessment criteria.

A2 Module Comprises :

DT3 - **Written Paper** - A paper which contains two sections and assesses the candidates' knowledge and understanding drawn from the whole of the subject contents list in the syllabus.

DT4 - **Major Project** - Candidates will undertake a single substantial project. Each year the WJEC will set 8 themes for the project, though candidates may also submit their own proposal for approval.

Level	Module No	Module Title	AS	A Level
AS	DT1	Product Design Examination paper (2 hours)	20%	
AS	DT2	Design & make task	30%	
A2	DT3	Written Paper (2.5 hours)		20%
A2	DT4	Major Project (60 hours)		30%

Requirements / skills for entry onto the course

Pupils who wish to study Product Design at AS level should have a minimum of grade C in GCSE Design Technology, be motivated and committed to carry on a lot of practical work in their non contact time.

Career Opportunities

In the past students have moved on to design colleges. It has wide acceptance throughout higher and further education and is qualification for entry into university for degree courses leading to a career in teaching, product design, design engineering and automotive industry.

Subject: Art & Design - Textiles
Level: AS and A2
Exam Board : WJEC
Location: Bryn Celynnog

Details

Textiles design programmes encourage interdisciplinary opportunities as well as developing a specialisation in one area. Areas of study include woven, embroidered and printed textiles, fashion design, costume design and mixed media.

AS Modules	
AR1	Coursework Portfolio - 30%. Coursework based on themes developed from personal starting points. Critical contextual understanding demonstrated through preparatory studies, sketch book and final outcomes. Internally assessed and externally moderated in June.
AR2	Controlled assignment - 20%. Externally set at start of February when the preparation period will begin. There will be 8 hours examination time to produce the outcome. Internally assessed and externally moderated in June.

Advanced (the above plus the following A2 units)	
AR3	Personal Investigation - 30%. Coursework unit based on a theme chosen by the candidate. Students understanding will be demonstrated through integrated images, sketch books, and outcomes with a written element of a minimum of 1,000 words. Internally assessed and externally moderated in June.
AR4	Controlled Assignment - 20%. Externally set, timed supervised assignment. Preparation time will begin at the start of February. Internally assessed and externally moderated in June.

Requirements/skills for entry onto the course

All students should have at least grade C at GCSE Textiles.

Career Opportunities

Art, Craft and Design are currently recognised as one of the most successful areas of British talent.

There are various employment pathways for a career in Textiles. Qualifications can be used for entry to courses at BA or BSc level.

Careers include: Fashion design and manufacture, textile design, surface design and woven textiles, theatre and costume design, museum work restoring and preserving textiles, design history of textiles/dress, fashion journalist, interior design, teaching.

Subject: Drama
Level: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

Details

The aim is to appreciate and understand theatre as an art form. This is done in both a practical and theoretical context. It enables each candidate to develop his or her performance skills and skills of interpreting text for academic study.

Requirements/Skills for entry to the course

- C grade or above at GCSE.
- Potential candidates who have not studied Drama t GCSE should see subject staff for advice.

Brief Outline of the Course

AS Level (2 units of study)
DA1 - 20% - Practical Performance - 60 marks - Unit Title - Performance Workshop
Candidates will either act in a group or contribute their chosen technical production skill to a performance from a set text and a devised piece. They will work on the ideas of two practitioners. This unit is internally marked and externally moderated.
DA2 - 30% - 2 Hour Written Paper - 120 marks - Unit Title - Text in Performance
Candidates will answer 3 questions on: <ul style="list-style-type: none"> - One pre-1900 text from a prescribed list. - One post-1900 text from a prescribed list. - A live theatre review. This unit is externally marked.

A Level (The above plus a further 2 units of study)
DA3 - 30% - Practical Performance - 150 marks - Unit Title - Performance on a Set Theme
Candidates will be expected to work in response to a theme set by the WJEC and prepare two performances. In each case candidates will either act or demonstrate a technical production skill with a group of performers. This performance will include: <ul style="list-style-type: none"> - Scenes/extracts from a published text - A piece devised by the group. An evaluation of performance work for both pieces will be required. The unit is externally marked.
DA4 - 20% - 2 and a half Hour Written Paper - 80 marks - Unit Title - Text in Context
<p>1. Candidates will study 2 set texts from a prescribed list: one pre-1900 and one post-1900. This is an open text examination - candidates will be asked to discuss the play as a whole, including the following aspects.</p> <ul style="list-style-type: none"> - Theatrical Context - Performance History - Theatrical Challenges of text in terms of acting. - Theatrical challenges of text in terms of production skills. - Personal reaction to the text. <p>2. Candidates will be asked to analyse an unseen text from a director's point of view. There are four sections to this paper:</p> <ul style="list-style-type: none"> - Ground Plan - Design/Costume - Lighting/Sound - Movement. This unit is externally marked.

Staff to consult for further information - Mr Owen Thomas - Head of Drama

Subject: English
Level: AS & A2
Exam Board: WJEC
Location: Bryn Celynnog

Details

The English language and literature syllabus is a combined study of the literary and linguistic features of written and spoken English texts. It is an ideal option for students who not only appreciate the study of literature but also enjoy creating their own texts and analysing their own writing.

Advanced Subsidiary (2Units)	
LL 1	Poetry and modern fiction and non-fiction. A study of an anthology of pre 1900 poetry and of two modern prose texts. This is assessed by a two and a half hour examination.
LL 2	Coursework This consists of two creative writing assignments that are accompanied by a commentary.
Advanced Level (2Units)	
LL 3	Coursework - Spoken Language and Performance <u>Section A</u> - A comparison of the language of a Shakespeare play and a modern performance text. <u>Section B</u> - The writing of two pieces for performance e.g. a sports commentary, a radio script, a stand up comedy routine etc. accompanied by a commentary.
LL 4	Comparative Textual Analysis and Review - Synoptic In this module the whole of the study is assessed by a two and a half hour paper where candidates have to analyse <ol style="list-style-type: none"> (a) Compare three unseen texts of different genres (b) A choice of texts which have been studied in class (c)

Requirements / skills for entry onto the course

Students are expected to have gained at least a B Grade in English Language and Literature at GCSE.

Career Opportunities

English is a subject which enhances any area of study - from journalism to medicine. It is a study which opens up opportunities for all students developing confidence in their ability to write in all areas and fits into a wide range of courses and careers.

Subject: English Language
 Level: AS & A2
 Exam Board: W.J.E.C.
 Location: Y Pant

Details

'A' Level English Language is interesting, challenging, varied and thought-provoking. It is a course that is fulfilling and extremely rewarding. The course is based on analysing the written and the spoken word in a variety of forms. Also, it offers the opportunity to produce and analyse your own writing.

Requirements/Skills for entry to the course

Normally, you will require at least a B grade in English and in English Literature at G.C.S.E. level. You will need to have a genuine interest in the close analysis of language and linguistics - including the detailed exploration of grammatical features. You need to have an interest in and a penchant for writing. Regular attendance and completion of all work are essential.

Brief outline of the course

Advanced Subsidiary	
Unit 1	INTRODUCTION TO THE LANGUAGE OF TEXTS LG1 (30%) 2½ hour exam (open text) Section A - The study of two or more unseen written and spoken texts, focusing on how meaning is established through a study of linguistic and contextual influences. Section B - The study of one text focusing how the writers or speakers have used language to convey bias, prejudices, feelings, attitudes, points of view, values, etc.
Unit 2	ORIGINAL WRITING AND EXPLORING SPOKEN LANGUAGE LG2 (20%) Internal Assessment Section A - An original creative writing composition in a specific genre and/or style (prose or drama), accompanied by a commentary. Section B - An analysis of the spoken word, focusing on how the spoken word is constructed linguistically and contextually. The focus can vary from phone-ins to interviews to sports commentaries to stand up comics
Advanced Level	
Unit 3	LANGUAGE INVESTIGATION AND WRITING FOR SPECIFIC PURPOSES LG3 (20%) Internal Assessment Section A - Language Investigation. This could include an investigation into an aspect or area of language, gathering and analysing data or a research project drawing on independently selected source material, requiring drafting, revision and reflective editing. For example, the study of accent or dialect, language and political power, political correctness in language. Section B - Writing for Specific Purposes. This requires original writing of a more transactional nature. For example, newspaper reports, travel writing, sports writing.
Unit 4	ANALYSING AND EVALUATING LANGUAGE MODES AND CONTEXTS LG4 (30%) 2½ hour exam (closed text) Section A - The analysis of spoken language. Section B - The analysis of written language over time. This will involve the comparison of texts from different periods.

Career Opportunities/Additional Information

English is invaluable in very wide range of careers - for example, law, journalism or any career requiring communication.

Staff to consult for further information

Miss Calles, Mr Hurley

Subject: English Literature
Level: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

Details

'A' Level English Literature is interesting, thought-provoking, demanding and very hard work but extremely worthwhile and rewarding. The course is literature based, which means that you will be reading and studying drama, poetry and novels. Texts could range from Chaucer to contemporary writers.

Requirements/Skills for entry to the course

Normally, you will require at least a B grade in English and in English Literature at G.C.S.E. level. You will need to have a love of reading and be interested in exploring texts in a critical manner. Regular attendance and completion of all work are essential.

Brief outline of the course

AS Level: requires study of two units:

Advanced Subsidiary	
Unit 1	POETRY AND DRAMA LT1 (30%) 2½ hour exam (open text) Section A - The study of two post 1900 poetry texts focusing on close analysis and comparison. Section B - The study of one post 1990 drama text focusing on close analysis and examination of context.
Unit 2	PROSE STUDY AND CREATIVE READING LT2 (20%) Internal Assessment Section A - The study of two prose texts from 1800-1945 focusing on close analysis, comparison and contextual study. Section B - A creative writing response to the prose text, followed by a commentary on their creative writing response.
Advanced Level	
Unit 3	PERIOD AND GENRE STUDY LT3 (20%) Internal Assessment The study of three texts, two of which need to be of a different period and genre. This will include at least one prose text and one poetry text. The focus will be on close analysis, contextual study and comparison.
Unit 4	POETRY AND DRAMA LT4 (30%) 2½ hour exam (closed text) Section A - The study of one pre 1800 poetry text. The focus will be on close analysis, contextual study and comparison with one of a selection of unseen poems. Section B - The study of a Shakespeare play and one designated 'partner' drama text. The focus will be on close analysis, contextual study and comparisons.

Career Opportunities/Additional Information

English is invaluable in very wide range of careers - for example, law, journalism or any career requiring communication.

Staff to consult for further information

Mr A Hurley, Mr Dunn

Subject: French
Level: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

Details

Improving your language skills to a level appropriate to work, higher education and other practical uses of French.
Helping you to think for yourself, gain an increasing awareness of important global issues and express this in French.

Requirements/Skills for entry to the course:

Normally at least a B grade at GCSE.

Brief outline of the course:

The course consists of AS in Year 12 followed by A2 in Year 13, constituting a full A-level if both parts are successfully completed. AS can stand as a qualification on its own.

You will be taught to communicate effectively in French through study of the following topics (with specific reference to France and other French-speaking countries as appropriate):

Advanced Subsidiary:

- Leisure and lifestyles: including travel and tourism, sport, hobbies, entertainment, customs, traditions, healthy living and unhealthy living (drugs, alcohol, diet, etc)
- The Individual and Society: including relationships, gender issues, youth culture, education and careers.

Advanced:

- Environmental issues: as relevant.
- Social and Political Issues: including media, racism, social exclusion and integration, terrorism and the world of work.

Methods of Assessment:

Advanced Subsidiary:

FN1 Oral examination 40% of AS.

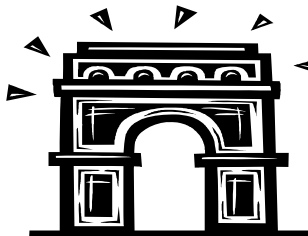
FN2 Listening and Responding (1 hour). 60% of AS.

Advanced: Advanced level comprises AS and A2.

FN3 Oral examination 40% of A2-level.

FN4 Listening, Reading and Writing 60% of A2-level (includes translation and Guided Studies essay).

Career Opportunities: (in combination with other relevant skills)



Business/ Commerce/Marketing, Travel and Tourism, Civil Service (incl. European Union), International Law, Diplomatic work, Teaching, Interpreting, Retail Sector, Public Relations, Banking and Finance, ICT, Secretarial work, Science and Engineering, Overseas Aid Work. Many employers actively seek people who have studied languages because of the transferable skills involved.

French can be found in combination with the following at British Universities: Other languages; Business and Management Studies; Law; Travel and Tourism; Accounting; Science (incl. Study abroad); Engineering; ICT/Computer Science; Marketing; International relations; Politics; Art/Visual Communication/Media Studies; Theatre Arts; Music; Dance; P.E./Sports Science/Leisure Studies; Food Science; Agriculture/Horticulture; Information Studies/Librarianship; Social Administration/Community Studies.

Staff to consult for further information Mr. R. Hutt.

Subject: French / Spanish
Level: As and A Level
Exam Board: WJEC
Location: Bryn Celynnog

Details

The purpose of the course is to enable students to communicate effectively in the language using listening, speaking, reading and writing skills. Students will be able to develop their knowledge of the language beyond GCSE, for further study or practical use. The A2 course also provides a sound basis for those wishing to continue to degree level. The course content will also foster an understanding of the culture of France/Spain and French/Spanish speaking counties as well as a spirit of general European awareness.

The AS module will include the study of a range of topics relating to contemporary society. Topics covered in this first year are as follows	
I	Leisure and lifestyles including travel and tourism, sport, hobbies, entertainment, customs, traditions, healthy and unhealthy living.
ii	The individual and Society including relationships and responsibilities, gender issues, youth culture, education, vocational training and future careers.
To complete the A2 module students will also cover the following areas of study.	
I	Environmental issues, including technology, pollution, global warming, transport, energy, nuclear energy, renewable energies, conservation, recycling and sustainability.
ii	Social and political issues including the role of the media, racism, immigration, social exclusion and integration, terrorism and the world of work.

In addition part of the A2 course of study will involve choosing one or two of the following options: The world of cinema or the world of literature or the regions of France. Candidates must undertake two studies: Either both from the same option (e.g. two books, two films, two regions) OR one from each of two options (e.g. one book plus one film, or one film plus one region, or one book plus one region). The essay will be based on the prescribed list of books, films and regions.

AS French / AS Spanish	A2 French / A2 Spanish
FR1 / SN1 ORAL 40% (20% of A2)	FR3 / SN3 ORAL 20%
FR2 /SN2 Listening Reading and Writing 60% (30% of A2)	FR4 / SN4 Listening Reading and Writing 30%

Requirements / skills for entry onto the course

All students should at least have a B grade in GCSE. Students who have a C grade may only be accepted after consultation with staff and then only on condition that the first term is a probationary period.

Career Opportunities

Those students with a qualification in languages can look forward to promising career opportunities in fields such as business, manufacturing, catering, tourism, travel, publishing, journalism, secretarial positions, administration, the Police Force, the armed forces, the civil service, international organisations, import/export, hospitality, advertising, communications, computing, teaching, translating and interpreting.

Subject: Geography
Level: AS & 'A' Level
Exam Board: WJEC
Location: Bryn Celynnog

Details

Geography at 'A' level has always proved to be a popular subject complementing both Arts and Science.

The course is divided into two units in Year 12.

Unit 1	Changing physical environments
Unit 2	Changing human environments

This will make up the AS qualification.
The two units in Year 13 are:-

Unit 3	Contemporary themes and research in Geography
Unit 4	Sustainability

Requirement / skills for entry onto the course

The Geography 'A' and 'AS' level course is offered to students who have achieved a minimum GCSE grade B in the subject.

This is an exciting and challenging new syllabus which allows for staged assessment. It will train students to appreciate different viewpoints, apply all the key skills and formulate reasoned opinions.

Career Opportunities

Geography is an essential entry requirement for many courses and the skills and aptitudes acquired by following a course in Geography offers opportunities for employment in a variety of fields.

Map making	The Ordnance Survey and Geological Survey. Local Government departments employ staff as cartographical Draughtsmen. Publishing houses employ map technicians.
Survey Work	Government and local Authority Planning Departments and independent firms of planning consultations.
Planning	Town and Country Planning
HM Services	
Soil Survey	
Department of Agriculture	
Engineering	

Subject: Geography
Level: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

Details

Geography develops an intellectual, social, moral and aesthetic understanding of the world in which we live

Requirements/Skills for entry to the Course

Normally a minimum of a C grade at G.C.S.E level

Brief outline of the Course

Advanced Subsidiary	
Unit 1	<ul style="list-style-type: none"> Investigating climate change Investigating tectonic and hydrological change
Unit 2	<ul style="list-style-type: none"> Investigating population change Investigating settlement change

Advanced G.C.E.	
Unit 3	<ul style="list-style-type: none"> Extreme Environments Emerging Asia - China Personal Research
Unit 4	<ul style="list-style-type: none"> Sustainability

Methods of Assessment

AS Level is assessed through two written papers sat in January and June. A Level is assessed through two written papers in January and June.

Career Opportunities/Additional Information

Geography is a specific requirement for some careers such as urban planning. Geographers, however, are found in all walks of life. The subject imparts skills of observation, investigation, analysis and interpretation, which are essentially management skills required in a wide variety of careers. Geography also enables people to make informed judgements on some of the important social, political, economic and environmental issues of the day. The subject by its nature is integrative between the arts and sciences.

Staff to consult for further information

Mr Dirk Sykes.

Subject:	Health and Social Care
Level:	AS and A2 (Single Award)
Exam Board:	A.Q.A.
Location:	Y Pant School

Details

The most important thing you need in order to take Advanced Health and Social Care is a lively and enquiring mind, an interest in health and social care, a willingness to explore new ideas and an ability to communicate your ideas effectively.

What will I learn?

You will:

- Gain a broad understanding of health, social care and early years working environments
- Develop skills, knowledge and understanding in health, social care and early years
- Have an opportunity to apply learning in a practical and realistic way
- Follow a programme of study that enables progression to both higher education and employment in health, social care and early years
- Develop key skills that are highly valued by employers and universities
- Gain confidence by developing independent learning skills.

Who is the course suitable for?

This course will appeal to those students who:

- Enjoy studying a subject that is relevant to his or her own lives and experience
- Want the opportunity to carry out practical work as well as class work
- Enjoy discovering about themselves in practical situations
- Want to find out more about the subject through personal investigation
- Are interested in developing an understanding of caring organisations and the clients they serve
- Want to study a course that is active and enjoyable
- Want to move onto a related career or higher education course

Career Opportunities

Students with AS/A2 in Health and Social Care have access to a wide range of career and higher education opportunities. You learn and use a variety of transferable skills throughout the course. These include collecting, analysing and interpreting data, communicating your findings in different ways, and identifying and developing the links between different parts of the subject. These skills are in great demand and are recognised by employers and universities and colleges as being of great value.

Health and Social Care combines well with almost all AS and Advanced GCE subjects. Taken with an Advanced GCE in Science it supports applications for a degree in nursing or midwifery or, with one of a range of Advanced GCEs or Single Awards, it supports applications for Teacher Training or Social Work. Awards in Health and Social Care provide the basis for a broad range of university courses in Social Science.

Many students choose to use their qualification to go straight into employment, rather than go on to higher

education. Because Health and Social Care students develop the transferable skills and the key skills that employers are looking for, they can lead to a very wide range of employment opportunities. This can include further training in such areas as Social Work, Caring and Education.

What are the single awards?

- The AS Single Award is made up of 3 units – Units 1 - 3 are compulsory
- The A2 Single Award is made up of 3 units – Units 11 - 13 are compulsory

Single Award AS	Single Award A2
<p>Compulsory Units</p> <p>Unit 1 Effective Caring</p> <p>Unit 2 Effective Communication</p> <p>Unit 3 Health, Illness and Disease</p> <p>Optional</p> <p>Unit 4 Child Development</p> <p>Unit 5 Nutrition and Dietetics</p> <p>Unit 9 Complementary Therapies</p>	<p>Compulsory Units</p> <p>Unit 11 Working in Health & Social Care</p> <p>Unit 12 Human Development</p> <p>Unit 13 The Role of Exercise in Maintaining Health and Well-Being</p> <p>Optional</p> <p>Unit 15 Clients with Disabilities</p> <p>Unit 16 Early Years Education OR Unit 17 Understanding Mental Disorder</p> <p>Unit 20 Environmental Health</p>

Each unit will be assessed by either an external examination or the production of a portfolio of evidence.

Staff to see for further information - Mrs J. Griffiths

Subject: Health & Social Care
Level: AS and A2
Exam Board : Edexcel
Location: Bryn Celynnog

Details

This is a vocational course and is intended for students who wish to pursue and develop their understanding of the wider aspects of care. The course is 2 parts course work and 1 part examination in both years 12 and 13.

AS Modules	
Unit 1	Human growth and development. 1 hour 30 min external examination.
Unit 2	A written report based on work experience within the health, early years, elderly or special needs sectors. Internally assessed, externally moderated in May.
Unit 3	Positive Care Environments. A written report based on a self chosen organisation. Internally assessed, and externally moderated in May.

A2 Modules	
Unit 7	Meeting Fundamental Needs. 1 hour 30 min external examination.
Unit 8	Promoting Health and Well Being. Evidence required is a written report on a small scale health promotion that you have carried out. The health promotion should take approximately 15 hours to complete. Assessed internally and externally moderated in May.
Unit 9	Investigating Diseases - a written report which looks at two different types of disease based on student choice. Internally assessed and externally moderated in May.

Requirements/skills for entry onto the course.

Minimum requirement 5 GCSEs A-C and good level of literacy. Due to the vocational nature all students will be required to undertake a work based study in either a health, early years, elderly or special needs setting.

Career Opportunities

Students can go on to study all aspects of Health and Social Care, Nursing, Education, Social Work and working within Health Care.

Subject: History
Levels: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

Details

The course covers British History 1815-1914 and the Rise and Fall of Nazism in Germany c.1933-45. It seeks to encourage students to develop further the skills and methods of thinking and reasoning about history that historians have to master.

Requirements/Skills for entry to the Course

Grade B at G.C.S.E. Level.

Brief outline of the Course

Advanced Subsidiary	
Unit 1	<ul style="list-style-type: none"> British History 1815 - 1832. Key Events. Foreign Policy 1815-1865 Development of Society 1815-1865
Unit 2	<ul style="list-style-type: none"> Gladstone and Disraeli Welsh History 1815-1868
Unit 3	<ul style="list-style-type: none"> Nazi consolidation of power in Germany 1933-1934 Nazi rule in Germany 1933-1945 Nazi Foreign Policy and the Second World War.

Advanced G.C.E.	
Unit 4	<ul style="list-style-type: none"> Welsh History 1868-1914 Foreign Policy 1878-1914 Politics and Society 1880-1914
Unit 5	<ul style="list-style-type: none"> Coursework Unit on Nazi Germany.
Unit 6	<ul style="list-style-type: none"> Synoptic Unit on Britain 1815 - 1914 and Nazi Germany c1933 - 45

Career Opportunities

History A level is a highly regarded academic discipline and qualification. Those people who have studied the subject can be found in all walks of life.

Staff to consult for further information:- Mr. A. Evans. Mr. P. Sweet.

Subject: History
Level: AS and A2
Exam Board: WJEC
Location: Bryn Celynnog

Details

AS Modules	
Hi1	International relations - C.1878 - 1920 and the Communist Revolution in Russia C. 1917 - 1941. 1 hour 30 minute exam, containing a 2 part structured question.
Hi2	Change and Conflict in Wales, 1900 - 1918 90 minute exam, 1 evidence based questions from a choice of 2.

A2 Modules	
Hi3	The Tonypandy Riots, 1910 Coursework - 4,000 - 6,000 words
Hi4	A Synoptic Approach to Welsh & European History 100 minute exam, 2 questions

Requirements for entry to the course

All students must have a grade "C" and above at GCSE level if they want to pursue History at "A" level. History is a demanding subject that requires a high level of commitment, motivation and self-discipline. Pupils, particularly in Year 13, develop their research skills through both independent and group work. A sixth form study space has been created in the History Department which gives pupils access to ICT facilities and various forms of historiography on European and Welsh History.

What are the benefits of studying History at AS/A2 level ?

History is highly regarded by universities

History develops valuable transferable skills - understanding, analysing, evaluating, reporting, making judgements and reconciling conflicting ideas

History can lead to careers in law, politics, journalism, the civil service, television, banking etc.

Subject: Home Economics (food, nutrition and health)

Level: AS and A2

Exam Board: OCR

Location: Y Pant School

Details:

This course will appeal to those students who:

- Have a keen interest in Home Economics.
- Enjoy studying subjects that are relevant to their own lives and experience such as food and nutrition, food production, food safety and hygiene, social and environmental issues
- Want the opportunity to carry out practical food preparation tasks as well as the compilation of investigative portfolios
- Are interested in developing an understanding of financial awareness, purchasing, consumer rights, retailing and developments in the food industry.

Requirements for entry to the course

A G.C.S.E. qualification in Home Economics, Health and Social Care or Child Development would be beneficial but not necessary. It is recommended that students have attained a G,C,S,E, Grade C in English.

Advanced subsidiary

Unit 1	Society and Health. Topics include: demography, family's role in society, standard of living, poverty, employment and environmental issues.
Unit 2	Resource Management Topics include: resources, food provision, purchase of food, food preparation, safety and hygiene and equipment

Advanced G.C.E

Unit 3	Investigative Study Topics include: food, nutrition and health of a variety of client groups, food intolerances, food poisoning ,the balance of good health
Unit 4	Nutrition and Food Production Topics include: the concept of nutrition and a balanced diet, properties of food, food production and developments in the food industry.

Career opportunities:

Students with a qualification in Home Economics have access to a wide range of career and higher education opportunities. These include, dietetics, health promotion, teaching, catering and meals service in schools, canteens, care homes etc The food and fitness industry, product design and development, food service, food standards and health and safety risk assessment and environmental health.

Staff to consult for further information

Mrs Griffiths

Subject:	Information Communication Technology
Level:	AS and A2
Exam Board:	W.J.E.C.
Location:	Y Pant School and Bryn Celynnog

What is the Course about?

The course provides opportunities for candidates to gain a broad understanding of the skills and knowledge inherent in Information and Communication Technology. Candidates gain a theoretical understanding of how and why ICT is used in society and also develop awareness of the technical aspects of the discipline. Critical thinking is encouraged and candidates develop an understanding of the relationship between system designer and user and how this relates to the world in which we live. *This new specification commences Autumn 2008.*

Requirements/ skills for entry to the course

There is no specific requirement for prior learning, although those who have studied ICT at GCSE level will already have some of the practical skills that will benefit them greatly at the beginning of the course. More important is an interest in ICT and computers and the willingness to develop higher level skills and knowledge through perseverance and individual endeavour. Those who have shown ability and application in GCSE or DiDA studies will be more likely to be welcomed onto this course. There is an even balance of academic and practical work and students will be expected to work independently and collaboratively to solve problems and develop substantial pieces of work.

Brief Outline of the Course and Methods of Assessment

The course is modular and in total comprises 4 units, with one written exam in each of the years.

Advanced Subsidiary consists of:-

IT1 Information Systems(60% AS, 30% Advanced) 2.25 hour written theory exam, comprising 2 parts including a pre-prepared spreadsheet task.

IT2 (40% AS, 20% Advanced) Desk top publishing and multimedia coursework task.

Advanced Level consists of:-

IT3 Use and Impact of ICT (30% Advanced) 2.5 hour written theory exam.

IT4 Relational Database Project (20% Advanced) Coursework Task based upon a relational database problem.

Career Opportunities/ Additional Information

The course is intended to be of interest to a wide range of candidates including those intending to follow a higher education course or career in Information and Communication Technology. Those with other interests and aspirations can also benefit from the many transferable skills inherent in the study of ICT.

Staff to consult for further information

Mr. Pearsall, Mrs Lloyd Davies, Miss Bunce in Y Pant
Mr C Davies, Mrs K Joyce in Bryn Celynnog

Subject: Mathematics
Level: AS & A2
Exam Board : WJEC
Location: Bryn Celynnog

Details

Pupils must follow a compulsory component in Pure Mathematics plus one of two optional components, Mechanics or statistics.

Assessment is 100% examination. The AS course involves 3 examinations, each of 1.5 hours. The A2 course involves a further 3 examinations of 1.5 hours (i.e. A full 'A' level consists of 6 examinations). Double 'A' level is available in mathematics. Pupils need to study the pure, mechanics, statistics listed plus a fourth component in further Pure mathematics. Double mathematics would be beneficial to anybody wishing to do further studies in mathematics or engineering.

AS Modules	
C1 - Pure	Algebra, co-ordinate geometry, surds and differentiation.
C2 - Pure	Series, Logarithms, geometry of the circle, radian measure, trigonometric functions and integration
EITHER M1 Mechanics	Equations of motion, Newton's Laws, friction movement and impulse, moments, centre of mass, resolution of forces and equilibrium.
OR S1 Stats	Probability and distribution theory.
A2 Modules	
C3 - Pure	Trigonometric equations, functions, e and ln x, differentiation, integration and roots of equations
C4 - Pure	Binomial series, trigonometric equations, Cartesian & parametric equations, differential equations, integration and vectors.
EITHER M2	Rectilinear motion, dynamics, motion under gravity, vectors, circular motion.
OR S2	Uniform distribution, normal distribution, hypothesis testing, and confidence limits

Requirements

To study mathematics at 'A' level, students must have gained a good mathematics grade at GCSE. They must possess good study skills and have a genuine commitment to the subject.

Career Opportunities

Mathematics provides a sound basis for many occupations as well as an entry subject for higher / further education.

Subject:	Mathematics
Level:	AS and A2
Exam Board:	W.J.E.C.
Location:	Y Pant School

Details

Pure Mathematics: - The development and acquisition of techniques and skills which can be applied to more advanced problems in Maths

New methods such as Calculus and Co-ordinate Geometry.

The principles of mathematical modelling.

Statistics: - The use of probability and statistical inference along with pure maths techniques to solve real-life problems.

Mechanics: - Modelling the real-life interaction of bodies and forces both in dynamic and static situations.

Requirements/Skills for entry to the Course

Minimum Grade C at G.C.S.E. Level; preferably Grade B or above at higher tier.

The ability to manipulate and understand algebraic formulae.

An interest in Mathematics and its applications.

Brief outline of the Course

This is a modular course. Students will study a mixture of units on Pure Maths and Statistics or Mechanics leading to an AS or A level in an aspect of Advanced Mathematics. Progress to A2 level will depend on a satisfactory standard being gained at AS.

Methods of Assessment

Examinations will be taken in June of year 12 and January and June of year 13 with opportunities to resit modules to improve the marks obtained at these times.

33% of the modules must be taken as a terminal examination.

Career Opportunities/Additional Information

Complements any science course.

Provides an analytic base for social sciences, economics and geography.

Supports engineering disciplines.

Essential for study at degree level.

Provides opportunities for recreational and problem solving activities.

Staff to consult for further information

Mr. M. Davies. Mr. R. Fisher.

Subject: Media Studies
Level: AS & A Level
Exam Board: WJEC
Location: Bryn Celynnog

Location: Bryn Celynnog

Details

This course is an in-depth study of the impact of the media in our lives and allows for the opportunity to produce new media products and to analyse their effectiveness.

AS Module - 2units	
ME 1	A. Modern Media Forms and the deconstruction of meaning B. Analysing media representations and how audiences receive them. These areas are assessed by a 2.5 hour exam.
ME 2	Coursework. A portfolio consisting of one pre-production piece and one production piece, accompanied by a report of 12,000 - 1,400 words showing awareness of media codes, conventions and impact on audience.
A2 Module - 2 units	
ME 3	Coursework. A. A research investigation where students are required to undertake an individual investigation into a specific area of study focused on either genre, narrative or representation, e.g. 1,400 - 1,800 words on the representation on teenagers in British film. B. A production of a print or audio visual piece, which will be informed by the research investigation e.g. a magazine on portrayal of teenagers in film. C. A brief evaluation (500 - 750 words) to accompany the production piece.
ME 4	A synoptic paper of two and a half hours consisting of an in-depth study of three different media industries chosen from television, radio, film, music, news paper, magazines, advertising and computer games.

Requirements / skills for entry onto the course

Pupils are required to have gained a good GCSE grade in English and although the study of Media at GCSE would be beneficial it is not essential.

Career Opportunities

An excellent preparation for a variety of careers in all areas of the Media - press, publishing, film, radio, etc and because of the investigative nature of the coursework excellent preparation for all university courses.

Subject: Media Studies
Level: AS and A2
Exam Board: WJEC
Location: Y Pant School

Details

MS1: MEDIA REPRESENTATIONS AND RESPONSES

This provides a framework for analyzing media texts and explores representations and audience responses.

Candidates will be encouraged to:

- explore the media through a study of genre, narrative and representation
- make connections between the texts and audience responses to them
- explore the representations of social/cultural groups, events, issues and their underlying messages and values.

A range of texts will be used. Example activities:

- Compare the representation of femininity in two music videos?
- Analyse the presentation of asylum seekers in the press.
- Study the use of generic conventions in the trailer for *I am Legend*
- Investigate the influence of the internet, video games and video nasties on young people.
- Explore how the narratives of *The Usual Suspects*/*Pan's Labyrinth* challenge audience expectations.

MS2: MEDIA PRODUCTION PROCESSES

This practical unit enables candidates to demonstrate knowledge, understanding and skills in media production through research, planning, production and evaluation.

Candidates will be required to produce three pieces of linked work.

- a pre-production reflecting research and demonstrating planning techniques
- a production which has developed out of the pre-production
- a report of 1200 - 1600 words.

Examples of linked pre-production and production tasks include:

- A storyboard of the trailer for a new BBC1 television crime drama (preproduction) and the trailer for that drama (production)
- A script or shooting script for the opening sequence of a teen horror film (preproduction) and a marketing campaign for a new teen horror film, to include at least the DVD cover and one poster (production)
- Draft designs for two magazine front covers (pre-production) and a double page spread for one of those magazines (production)
- Prototype design for a new website (pre-production) and the completed website consisting of a home page and at least two associated web pages (production).

A2 Media Studies

MS3: MEDIA INVESTIGATION AND PRODUCTION

This develops the knowledge and skills acquired at AS results in a final coursework project. In particular, it is designed to demonstrate the importance of research

Candidates are required to produce three pieces of linked work:

- a research investigation (1400 - 1800 words)
- a production (informed by the investigation)
- a brief evaluation (500 - 750 words).

(a) Research Investigation

Candidates investigate a specific area of study focused on one of the following concepts: genre, narrative or representation

Examples:

- the representation of teenagers in two British films
 - the representation of American Teenagers in *Grease* and *Mean Girls*
- the generic similarities between *Dr Who* and *Stargate*
- the narrative structures of *The X Factor* and *Strictly Come Dancing*.
- the representation of genre with close reference to *The Kooks* and *The Arctic Monkeys*

(b) Production

This should develop from the candidate's research investigation and can be video or print based.

Examples:

- A CD/DVD special edition for an invented band/ITV Science Fiction programme
- A video of the opening sequence of a new BBC reality show
- A trailer for a new British film.

(c) Evaluation

The production must be accompanied by an individual evaluation which can be produced in any appropriate form such as an essay, a digital presentation or a blog.

MS4: MEDIA - TEXT, INDUSTRY AND AUDIENCE

This develops their knowledge and understanding of the relationship between media texts, their audiences and the industries which produce and distribute them.

They study three different media industries from the list below:

- Television
- Radio
- Film
- Music
- Newspaper
- Magazine
- Advertising

Staff to consult for further information: Mr Howells,

Subject:	Music
Level:	AS and A2
Exam Board:	A.Q.A.
Location:	Y Pant School

Details

AS music is an exciting and inspiring option for anyone who has an interest in music, and is an ideal stepping stone from the music you would have studied from years 7 to 11, to A level music and beyond.

There is no specific requirement for prior learning, although if you are considering taking music it is expected you would have already gained a knowledge and understanding through the study of music at GCSE or through experience of playing a musical instrument on your own and with others.

Here at Y Pant we will follow the specification offered by WJEC, so the compositional styles you will study are:

- Baroque style
- Classical style
- Romantic style
- 20th century styles (Nationalism, Impressionism, Neo classicism, Expressionism, Minimalism / electronic / aleatoric / musical theatre /jazz / rock and pop styles)

As well as researching and studying the above styles in preparation for a Summer exam (40%), you will:

- Present to a visiting examiner a solo and/or ensemble performance (30%) lasting between 8 and 10 minutes,
- Create two contrasting compositions (30%) lasting between 4 and 8 minutes.

No matter where you study AS music, the content will be very similar. **How you study** will not be similar though.

Y Pant provides you with **good, experienced music teachers** that will aim to **personalise your learning experience**. The music teachers here have skills and knowledge from **wide and varied musical backgrounds** in the fields of performance and academia. The music staff each has a very good understanding of **music technology and IT**, and use it in a way that will benefit you.

The department is **well resourced** with the music technology that will help you learn - we have Macs and windows based PCs. We use Garageband, Logic, Cubase, Reason and Sibelius. We even have manuscript paper! We also have a number of portable multi-track recorders. So no matter who you are, we will help you find a way to work that suits you.

There are many career paths you can take with AS music, and even if it isn't a music related one, the skills you develop in order to gain a grade are highly regarded in many fields ranging from **law, medicine, education and many more**.

Staff to consult for further information

Mr M. Thomas, Mr T. Breeze

Subject: Performing Arts

Level: AS and A2

Exam Board: Edexcel

Location: Bryn Celynnog

Details

You will enjoy this course if you wish to develop your own music, drama or dance skills, with an opportunity to specialise in either performance or production (lighting, sound, back stage crewing)

AS - 3 Modules	
Unit 1	Exploring skills for performance. This will be a combination of acting, art administration, dance and music and will contain the necessary elements to deliver "Musical Theatre" or "Physical Theatre".
Unit 2	Planning for an event. Students will engage in research on content, potential audiences, planning for performance and all support functions
Unit 3	Performing to a commission. This final AS unit requires learners to respond to a commission chosen from a selection set by the board and create an appropriate performance. Students will bring all the skills from the first two units together for this externally assessed unit.
A2 - 3 Modules	
Unit 4	Employment Opportunities for the Performing Arts. Students examine the relevance of work opportunities in the industry and monitor their own skills in relation to potential progression routes into the industry.
EITHER Unit 5	Advanced Performance Practice. This leads on from Unit 1 and allows students to extend their performance skills and apply them to a specific role.
OR Unit 6	Advanced Production Practice. This is for students who wish to specialise in technical production, design or administration roles.
Unit 7	The students will be given a production Brief set by Edexcel and will create an appropriate polished performance. This is externally assessed. Throughout the two years students have to keep appropriate portfolios of work.

Requirements/skills for entry onto the course

- four GCSEs at grade A* - C might include GCSE in Drama and / or Music at grades A* - C.
- other level 2 qualifications such as Intermediate GNVQ in Performing Arts; Edexcel BTEC First Diploma in Performing Arts.
- Grade related qualifications in Dance, Drama and Music.

Further Opportunities

This exciting AS / A2 examination, gives students an excellent grounding in all the essential elements of Performing Arts and will enable them to confidently move with the wider world of Performing Arts.

Subject: Physics
Level: AS and A2
Exam Board: OCR
Location: Y Pant School

Details

Physics is an interesting course that is a key part of Science, Technology and Engineering. It allows pupils to develop the key skills of literacy, numeracy, ICT and analytical skills.

Pupils will explore the following areas:

Unit title and description AS	Unit title and description A2
Mechanics <ul style="list-style-type: none"> • Motion • Forces in action • Work and energy 	Newtonian World <ul style="list-style-type: none"> • Newton's laws and momentum • Circular motion and oscillations • Thermal Physics
Electrons, Waves and Photons <ul style="list-style-type: none"> • Electric current • Resistance • DC Circuits • Waves • Quantum Physics 	Fields, Particles and Frontiers of Physics <ul style="list-style-type: none"> • Electric and magnetic fields • Capacitors and exponential decay • Nuclear Physics • Medical imaging • Modelling the Universe
Practical Skills in Physics Internal assessment of practical skills	Practical Skills in Physics Internal assessment of practical skills

Requirements/Skills for entry to the Course:

Pupils with an A or B grade at GCSE will be allowed onto the course. Pupils with a grade C will be considered after consultation with other staff. A good level of mathematical understanding is important. Physics is a demanding yet rewarding course which requires a high level of commitment and work.

Career Opportunities/Additional Information:

Physics is important in many fields of employment, such as medicine, engineering and the obvious scientific fields. As a subject it is well respected as a qualification for entry on to most higher education courses.

Staff to consult for further information

Mr. A. Gardner

Subject: Physics
Level: AS & A2
Exam Board : AQA
Location: Bryn Celynnog

Details.

The Physics course is intended for pupils who wish to pursue their studies of Physics to a greater depth and understanding than that required at GCSE. Physics is an interesting course that it is delivered in such a fashion to allow pupils to develop many key skill areas; e.g. literacy skills, numeracy skills and analytical skills. IT skills, particularly in the field of analysis will also be developed. Pupils studying Physics in the sixth form will explore the following areas:

AS Modules
<ul style="list-style-type: none"> • Particles, Quantum Phenomena and Electricity
<ul style="list-style-type: none"> • Mechanics, Materials and Waves
<ul style="list-style-type: none"> • Investigative and practical skills in AS physics
A2 Modules
<ul style="list-style-type: none"> • Fields, and Further Mechanics
<ul style="list-style-type: none"> • Nuclear and Thermal Physics. Plus one option
<ul style="list-style-type: none"> • Investigative and practical skills in A2 Physics

Requirements/skills for entry onto the course

All students should have a least 2 'B' grades in their GCSE Science studies. Pupils who opt for Physics in the sixth form are usually those with an enquiring, problem solving mindset who have previously shown an interest and aptitude for Physical Sciences. Pupils must also realise that Physics is a demanding course and requires that pupils have a high level of commitment and the motivation to work to the best of their ability.

Career Opportunities

Those pupils who enter the Sixth Form to study Physics at A Level are the ones who expect to enter the world of Industry, Engineering, Commerce or the Medical Profession. However, the analytical and problem solving skills developed on the Physics course supports a very broad range of career opportunities. As a subject Physics is a well respected qualification for entry into Higher Education.

Subject: Physical Education
Level: AS and A2
Exam Board: OCR
Location: Y Pant School

Details

The syllabus is based on the interaction between the theory and practice of physical education and, by using a wide range of disciplines, develops an understanding of the scientific, socio-cultural and environmental factors that influence sporting activities. The course offers the chance to build up a knowledge and understanding of many aspects of sports and P.E; and will be testing and stimulating for students who are both academically motivated and committed to developing their interest in this area.

Requirements/Skills for entry to the Course:

Anatomy and Physiology in the AS module and the Exercise Physiology closely relate to A level biology, so a good GCSE science grade is helpful. CGSE physical education is not a necessary requirement for the course. The course has a practical element which involves a test of effective performance and demonstration of skills. Therefore candidates must be able sportspersons taking part in regular organised activities.

Brief outline of the course and methods of assessment.

Advanced Subsidiary	
Unit 1	Anatomical and Physiological, Acquisition of Skill and Contemporary Studies in sport. - 60% - 2 hour examination
Unit 2	Candidates are assessed performing their chosen activity. In addition they will be assessed performing, officiating or coaching their second activity. They must also analyse a live performance in one of these activities. - 40 % - Externally moderated

Advanced G.C.E.	
Unit 3	Candidates are assessed in socio-cultural and scientific areas of study - 35% - 2 hours and 30 mins examination.
Unit 4	Candidates are assessed performing, officiating or coaching their chosen activity. They must also analyse a live performance in this activity. - 15% - externally moderated.

Career opportunities/Additional information

As a fully validated course 'A' level Physical Education is accepted as a qualification for entry into Higher Education.

It is also of value for careers in the Sport and Leisure Industry, Physiotherapy, Teaching, Police and The Armed Forces.

Staff to consult for further information:- Mr. D. Mortimer.

Subject: Physical Education
Level: AS and A2
Exam Board OCR
Location: Bryn Celynnog

Details

AS Modules

1	Application of Anatomical and Physiological Knowledge to Improve Performance.
2	Acquiring and Performing Movement Skills.
3	Contemporary Studies in Sport.
4	Analysis and Practical Performance - 1 game and 1 individual activity. Evaluation of Performance.

A2 Modules

1	Historical Studies in Physical Education.
2	Sport Psychology Studies in Physical Education.
3	Exercise and Sport Physiology - the response of the body to performance and training. Principles and concepts across the different areas of Physical Education.
4	Synoptic Evaluation and Improvement in Practical Performance. 1 Activity.

Requirements for entry to the course.

All students would normally be expected to have successfully completed a GCSE in Physical Education and achieved at least a "C" grade if they want to pursue this subject at "A" Level. However, the specifications have been designed to provide progression by building on knowledge, understanding and skills set out in the National Curriculum Key Stage 4 and so GCSE in Physical Education would not be essential. Physical Education is a very demanding subject that requires a high level of commitment, motivation and self discipline. It will be essential that each student is actively involved in structured, organised and competitive sporting activity.

What are the benefits of studying Physical Education at AS/A2?

- Physical Education is modern and highly regarded by universities.
- Physical Education develops valuable transferable skills - performance and evaluation, understanding of broad concepts, making judgements and prescribing improvements.
- Physical Education can lead to careers in Sports Science, Leisure Management, Physiotherapy, Teaching and Sports Coaching

Subject: Psychology
 Level: AS and A2
 Exam Board: AQA
 Location: Y Pant School and Bryn Celynnog

Psychology is the scientific study of people, the mind and behaviour. It is both a thriving academic discipline and a vital professional practice.

Requirements for entry to the course.

Students wishing to follow this course should have a minimum of an B grade at English Language GCSE.

This specification is designed to develop candidate’s basic understanding of the breadth of different approaches in Psychology. Through the study of psychological theories, concepts and research, candidates will develop an understanding of the principles governing the subject. Candidates will develop the ability to identify ethical issues, apply Psychology to cultural, social and contemporary issues and fine tune their evaluative and analytical skills.

The course is divided in to four units, two of which are completed during the AS year and the remaining two in the A2 year. The knowledge and understanding achieved in each unit is assessed through an examination.

AS at a Glance

Unit No.	Weighting	Title	Content
1	50%	Cognitive Psychology Developmental Psychology Research Methods	Memory Early Social Development Research Methods
2	50%	Biological Psychology Social Psychology Individual Differences	Stress Social Influence Psychopathology

A2 at a Glance

Unit No.	Weighting	Title	Content
3	50%	Topics in Psychology (3 topics from a choice of 8)	Biological Rhythms and Sleep Perception Relationships Aggression Eating Behaviour Gender Intelligence and Learning Cognition and Development
4	50%	Psychopathology	Schizophrenia, Depression, Anxiety Disorders
		Psychology in action	Psychology of addiction, Media Psychology, Anomalistic Psychology
		Psychological Research and Scientific Method	Research Methods.

Staff to see for further information

Miss D Crook

Subject:	Religious Studies (Ethics and Buddhism)
Level:	AS and A2
Exam Board:	W. J. E. C
Location:	Y Pant School

Religious Studies is highly regarded by Universities and employers as it proves that you are able to think, discuss, problem solve and evaluate.

You will be interested in the course if you enjoy investigation and discussion, and are always looking for the other point of view.

It is excellent preparation for any humanities, social science or medical degree.

Entry Requirements: A* - C + in the Short Course or Ethics and Philosophy.

Advanced Subsidiary: Candidates study 2 Options, each with a 1hour 15 minute Examination of 2 structured essay questions chosen from 4.

(50% of GCE.) No Course work.

Unit 1) an Introduction to Religion and Ethics:

How do we decide the right thing to do? We look at 3 ways/theories this question has tried to be answered.

Studying real problems Society and individuals face. These ideas are applied to sexual behaviour, attitudes and morality in Society.

Unit 2) An Introduction to Buddhism:

A popular far eastern religion, we study the life of the Buddha, modern Buddhist lifestyles. Teachings and Practices like Meditation.

Advanced GCE (A2):

Unit 3) Studies in Religion and Ethics: Including Medical and Genetic ethics, the Ethics of War and two further theories or **Buddhism**.

There is an exam of 2 structured essay questions chosen from 4.

Unit 4) Studies in Religion and Human Experience. A Compulsory Unit using what you have learned to try to answer a life issue such as is there life after death, is life sacred and who tells us what to do?

Candidates write a pre-studied essay question under controlled conditions. (25% of the overall mark)

Career opportunities:

If you are looking for a career where you have to think about moral issues such as - Medicine and the Social Care Sector

Journalism and Broadcasting, Film and TV
Legal sector, Community and Social Work,
Education, Politics or Finance. - choose Religious Studies.

Staff to consult for further information: Mrs J Codd or Mrs S Burnell

Subject: Spanish
Level: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

What is the course about?

The course builds on skills acquired at GCSE and aims to develop the following:

- The student's ability to communicate effectively in Spanish
- An awareness and understanding of contemporary society
- An insight into the culture of Spain and Spanish Latin America.

Requirements for entry to the Course

Normally a minimum of an A or B grade at GCSE.

Brief outline of the Course

AS

Topic areas include:

- (a) **Leisure and Lifestyles**, including travel and tourism, sport, hobbies, entertainment, customs, traditions, healthy living - health, nutrition, diet and exercise; unhealthy living - drugs, aids, smoking, alcohol etc.
- (b) **The Individual and Society**, including relationships and responsibilities, gender issues, youth culture (values, peer groups, fashions and trends etc.), education, vocational training and future careers.

A Level

Topic areas include:

- (c) **Environmental Issues**, including technology pollution, global warming, transport, energy, nuclear energy, renewable energies, conservation, recycling, sustainability.
- (d) **Social and Political Issues**, including the role of the media, racism, immigration, social exclusion and integration, terrorism, world of work (employment, commerce, globalization etc.).

Throughout both the AS and A level course, students will have access to up to date material from the Internet, Spanish magazines and newspapers. They will be required to complete listening and reading comprehensions, essay work, translation, oral work and grammatical exercises.

Students normally have lessons in small groups with the Spanish Assistant in addition to timetabled lessons. All students are expected to involve themselves in departmental activities and opportunities exist to visit Spain.

For the A Level, in addition to the above, students will follow a **Guided Studies Option** where they will have the opportunity to study some of the following options within a Spanish or Spanish American context:

- The World of Cinema
- The World of Literature
- The Regions of Spain

Career Opportunities

Business careers, European Law, Education, Interpreting/Translating, Tourism, Banking and many higher education science courses offer Spanish as part of the degree course.

Staff to consult for further information

Mrs G. Hoare, Mrs K. Jones

Subject: Travel and Tourism
Level: AS and A2
Exam Board: WJEC
Location: Y Pant School

Details

This course will appeal to those students who:

- Have a keen interest in Travel & Tourism
- Enjoy studying a subject that is relevant to their own lives and experience
- Want the opportunity to carry out practical work outside the classroom as well as class work
- Want to find out more about the subject through personal investigation
- Are interested in developing an understanding of organisations, the markets they serve and how to deal with customers effectively
- Want to study a course that is active and enjoyable

Requirements for entry to the Course

You do not need to have studied the subject at G.C.S.E. level.

Advanced Subsidiary	
Unit 1	Introducing Travel and Tourism - You will gain an understanding of the Travel and Tourism industry. This will include the organisations involved, products and services provided, the significance of the industry to the UK economy and employment opportunities.
Unit 2	Investigating Tourism Destinations - You will research a wide range of UK and European tourist destinations, considering their location and appeal for tourists. You will also focus in detail on two destinations looking at appeal, transport and future popularity.

Advanced G.C.E.	
Unit 3	Tourism Impacts and Tourism Development - You will explore the impact that tourism development has on the industry, the organisations that are involved and how this can be managed effectively.
Unit 4	Event Management in Travel and Tourism. You will work as part of a team to plan and carry out a real event project, such as organising a school trip. You will learn about business planning, teamwork, carrying out the project and evaluating it.

Career opportunities -

What courses or employment can I progress to at the end of my course? Students with qualifications in Travel & Tourism have access to a wide range of career and higher education opportunities. This sector of industry is the fastest growing in the world. You learn and use a variety of transferable skills throughout the course. These include collecting, analysing and interpreting data, communicating your findings in different ways, and identifying and developing the links between different parts of the subject.

Subject: Welsh as a Second Language (Cymraeg Ail Iaith)
Level: AS and A2
Exam Board: W.J.E.C.
Location: Y Pant School

All pupils who study Welsh in Key Stage Five follow the W.J.E.C. Advanced Supplementary (AS) and Advanced Level (A2) courses and the aim is to transform pupils into confident, fluent speakers of Welsh who are extremely aware of the unique traditions of Wales and its culture, and who are able to participate in Welsh life fully. Pupils are encouraged to use Welsh as frequently as possible to complete all activities and in order that they are able to do this they must follow a rigorous course which has them aiming to master formal Welsh grammar and use it to complete a diversity of tasks which include creative or persuasive writing, literary and media appreciation as well as carrying out studies relating to the Welsh Language today and linguistic correctness tasks.

The AS Level course is assessed in three sections as laid out in the W.J.E.C. Syllabus:

CA1 Oral Examination - Film and Oracy (40%)

Pupils are examined in groups by an external examiner who takes part in a discussion on their study of, and reaction to, a Welsh-language film.

CA2 Course Work (30%)

Pupils complete a series of pieces of writing of varying styles encompassing an aspect of contemporary Welsh life.

CA3 Written Examination - The Use Of Language And Poetry (30%)

Pupils show their knowledge of language by completing short written and linguistic tasks and complete an extended piece of writing to show an appreciation of Welsh poetry.

The A2 Level course is assessed in three sections as laid out in the W.J.E.C. Syllabus:

CA4 Oral Exam - Drama and Oracy (35%)

Pupils are examined in groups by an external examiner who takes part in a discussion on their study of, and reaction to, a Welsh-language play.

CA5 Written Examination - The Short Story And Transliteration (30%)

Pupils write a letter in Welsh in response to an English-language article on an issue of contemporary relevance, and complete a series of tasks on a Welsh short story.

CA6 Written Examination - The Use Of Language And Poetry (35%)

Pupils show their knowledge of language by completing short written and linguistic tasks and complete an extended piece of writing to show an appreciation of Welsh poetry.

In order to complete the above tasks pupils will be encouraged to show an interest in and discuss contemporary Welsh media as well as do a great deal of reading both during and outside lessons on a variety of topics from very diverse sources. In addition pupils will receive formal grammar lessons where the emphasis will be shifted from simply communicating to doing so with correctness and style. The grammar noted below will be studied so that pupils will be well equipped to fulfil the requirements of the translation and the written assessment elements of the syllabus.

- short and long forms of all verb tenses
- the impersonal;
- varying sentence structure (e.g. for emphasis);
- nouns, pronouns and prepositions;
- adjectives and adverbs;
- the genitive;
- mutations;
- noun, relative and adverbial clauses;
- idiomatic expressions.

During the course the pupils will study letters and articles in newspapers and magazines, Welsh prose in the form of short stories, Welsh poetry, Welsh films and T.V. programmes and a Welsh play. As well as oral discussion giving personal opinions pupils will be expected to use the stimulus to regularly complete tasks such as answering questions, completing/compiling a questionnaire, writing an essay/article/letter/story/dialogue; or literary or media appreciation.

Subject:	Welsh 2 nd Language
Level:	AS & A2
Exam Board:	WJEC
Location:	Bryn Celynnog

Details

The implementation of the National Curriculum and the recent Welsh Language Act have highlighted the relevance of Welsh in the work place. The importance of the ability to offer this language in numerous fields.

<p>AS Module Study of Welsh film to be discussed in a group Written coursework - folio 2,000 - 3,000 words with at least 4 different pieces of work. Language work - grammar, mutations, tenses, extended language exercises. Grammar and modern Welsh poetry - 7 set poems.</p>
<p>A2 Module Study of Welsh play to be discussed in oral exam Study of short stories Translation work Further study of language Further study of poetry - 5 set poems</p>
<p>Assessment AS Module</p> <ol style="list-style-type: none"> 1. Group oral examination CA1 (20%) 2. Internal assessment of coursework CA2 (15%) 3. Written examination - 2 hours CA3 (15%)
<p>A2 Module</p> <ol style="list-style-type: none"> 1. Group Oral exam of play studied CA4 (15%) 2. Written essay on short story and translation task CA5 (20%) 3. Final written exam - CA6 (15%)

Requirement / skill for entry onto the course

Pupils should have gained at least a grade B in Welsh at GCSE.

Career Opportunities

There is growing demand for Welsh qualifications for example in Primary/Secondary Tertiary Education, library/museum work, journalism, nursing, media, publishing, tourism, banking, commerce, law, theatre, television, Local Authorities, Government, publishing and the Welsh Office to name but a few

Subject: Sociology
Level: AS & A Level
Exam Board : OCR
Location: Bryn Celynnog

Details

Sociology questions the reasons for why society is as it is, and the role of each individual in society and why they have that role. You will learn to dissect and evaluate contemporary issues, e.g. do women take different jobs to men, and to draw your own conclusions.

AS Modules

UNIT 1 -Exploring socialisation, culture and identity.

1. The Formation of Culture
2. Socialisation.
3. The Role of Socialisation in creating identities (e.g. gender, class, ethnic)
4. Methodology.

UNIT 2 - Sociology of the Family

1. Key terms and trends (e.g. nuclear and extended families, trends in family size, marriage and divorce).
2. The role of the family in society.
3. Different family organisations.
4. Roles, responsibilities and relationships within the family.

Requirements

All students should have minimum 5 GCSEs grade A*-C and at least a grade 'B' in English.

Career Opportunities

Sociology is extremely useful in contemporary life in understanding why things are as they are; it is also an advantage if you are pursuing a career in health and welfare, medicine, law, teaching, the police and the media

Subject: BTEC first Diploma in Construction
Level: BTEC Level 2
Exam Board: Edexcel
Location: Bryn Celynnog

Details

The course is designed for students who want to develop and expand their knowledge of the construction industry. It provides work-related qualifications. It focuses on independent learning and practical knowledge and skills, with opportunities to develop a more in depth study of vocationally specialist areas. The course consists of 6 units of work, which are assessed as Pass, Merit or Distinction Level.

Unit 1	Introduction to the Construction Industry This unit looks at the diversity of the industry and relates to both local and national businesses. It also involves researching jobs within the industry.
Unit 2	Investigating Health, Safety and Welfare This unit will give the student's an understanding of the importance of health, safety and welfare within the industry. They will discover how to provide a safe workplace for staff and public
Unit 3	Construction Science and Mathematics This will provide the student with an understanding of basic scientific and mathematical concepts in relation to the industry.
Unit 7	Investigating Carpentry and Joinery In this unit the student will learn about hand tool used in this craft and basic skills required to form joints and frames in timber.
Unit 8	Performing Joinery Operations This unit builds upon the skills learnt in Unit 7 and involves the use of power tools to perform joinery tasks.
Unit 9	Performing Carpentry Operations This unit will build upon skills learnt in Units 7 & 8 and will carrying out task to set industrial specifications.

Requirements / skills for entry onto the course

Students should have 4 GCSEs or a BTEC Level 1 qualification. They need commitment, motivation and a willingness to participate in regular practical activities.

Career Opportunities

The qualification could lead to a variety of work within the construction industry. This includes craft operatives, such as trainee joiners and carpenters.

Subject: BTEC First Diploma in Childrens Care, Learning and Development
Level: BTEC Level 2
Exam Board: Edexcel
Location: Bryn Celynnog

Details

This course is intended for students who wish to pursue a career within the child care sector. Those students who successfully complete this course should be able to progress to employment in the sector in a supervised role.

Six units need to be completed to obtain the diploma, all are internally assessed and externally moderated, as pass, merit, distinction.

UNIT 1	<u>Understanding Children’s development.</u> Students will look at how children develop and understand the role of observation of children in the workplace.
UNIT 2	<u>Keeping Children Safe.</u> Students will gain an understanding into the need to keep children safe, protect them from injury and deal with accidents and emergencies.
UNIT 3	<u>Communication with Children and Adults.</u> Students will gather portfolio evidence of a variety of interactions and develop their communication skills.
UNIT 4	<u>Preparing and maintaining Environments for childcare.</u> Learners will gain an understanding of how to prepare and maintain a safe, secure and encouraging environment. Consideration will be given to building children’s confidence. It will also include the provision of food and drink.
UNIT 5	<u>Professional Development Roles and Responsibilities in Child Care.</u> Students will gain knowledge, understanding and skills enabling them to develop professionally within the work placement. Much of the evidence for this will be obtained during work placement.
UNIT 6	<u>Supporting Childrens Play and Learning.</u> Students will study the importance of play and how the adult can support and encourage aspects of play and learning

Requirements/skills for entry to course

1-4 GCSE’s. The commitment and self- motivation to complete at least 300 hours of work placement. A genuine interest in working in the early years sector or with children.

Career Opportunities

Progression on to the BTEC National. Working in crèches, nurseries, with children and young people.

Subject: BTEC first Diploma in Hospitality
Level: BTEC Level 2
Examination Board: Edexcel
Location: Bryn Celynnog

Details

The course is designed for students who want to develop and expand their knowledge of the hospitality industry. It focuses on independent learning and practical knowledge and skills, with opportunities to develop a more in depth study of vocationally specialist areas. The course consists of 6 units of work, which are assessed as Pass, Merit or Distinction.

Unit 1	The Hospitality Industry. This unit looks at the diversity of the industry and relates to both local and national businesses. It also involves researching jobs within the industry
Unit 2	Customer Relations in Hospitality This unit will develop the student's understanding of customer service. It will examine different clients and their needs, and look at how different businesses provide good customer care.
Unit 3	Safety in Hospitality. This unit covers the legislation that regulates safe working practices. They will identify hazards within the work environment and understand common types of safety information.
Unit 4	Planning and Running a Hospitality Event. This unit covers all aspects of planning and running a small scale event. The students will need to demonstrate their ability to work independently and as part of a team.
Unit 5	Healthy Lifestyles. This unit looks at how the hospitality industry caters for the need of healthier lifestyles. Students will look at nutrition and issues relating to food and health.
Unit 6	Basic Culinary Skills. This unit is a mainly practical unit of work. The students will be encouraged to prepare a range of dishes in a professional manner and develop practical skills.

Requirements / skills for entry onto the course

Students should have 4 GCSEs or a BTEC Level 1 qualification. They need commitment, motivation and a willingness to participate in regular practical activities. Students will be expected to gain work experience in a hospitality outlet.

Career Opportunities

This qualification could lead to a variety of work within the hospitality industry. This includes careers such as chefs, receptionists and waiter. It could involve working for small local businesses or large multinational organisations.

Subject: First Diploma in Sport
Level: BTEC Level 2
Exam Board: EDEXCEL
Location: Bryn Celynnog

Details

Compulsory Units

1	1. The Body in Sport: - Students will study the skeletal, muscular, circulatory, respiratory systems and how they are used to produce movement and respond to training.
2	2. Health Safety and Injury: - students will study risk factors in sport, minimising and preventing injuries, rules and regulations, types of common injuries, alternative treatments and risk assessment
3	3. Preparation for Sport: - students will study fitness and lifestyle, training programmes, training methods, nutrition for sport and psychological factors which affect performance.

Specialised Units

1	Sports Leadership Skills - accreditation of the Sports Leaders Award.
2	Practical Sport - 1 game and 1 individual activity.
3	The Sports Industry - The development of sports as an industry and key issues affecting sport today.

Requirements for entry to the course.

All students would normally be expected to have completed a GCSE in Physical Education and achieved at least a "D" grade if they want to pursue this subject at First Diploma Level 2. However, the specifications have been designed to provide progression by building on knowledge, understanding and skills set out in the National Curriculum Key Stage 4 and so GCSE in Physical Education would not be essential. It will be essential that each student is actively involved in structured, organised and competitive sporting activity.

What are the benefits of studying BTEC Level 2 First Diploma?

- The BTEC First Diploma in Sport is an ideal step to higher qualifications in the sport and leisure sector.
- Students can go on to study BTEC National Diploma or related further education courses
- The BTEC First Diploma in Sport can lead to careers in Sports Science, Leisure Management, and Sports Coaching.

Sixth Form life is about more than academic study, the Consortium arrangement brings together the best aspects of the two schools and Coleg Morgannwg to offer you the widest choice possible at Post 16 whatever career path you are contemplating.

Returning to continue your education with us lets you take the next step in an environment you are familiar with and which is dedicated to providing the skills and qualifications you will need in the future.

For further information on what has BYC has to offer you contact the Post 16 Admissions Tutor at Bryn Celynnog or Y Pant School.

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