

Column C

ART & DESIGN L3

Art,Craft and Design

This is a broad-based course that provides flexibility in content and approach.

Learners can

choose this option if they want to explore and create work associated with:

- Fine Art
- Critical and Contextual Studies
- Textile Design
- Graphic Communication
- Three-Dimensional Design
- Photography.

This WJEC AS/A level specification in Art & Design is designed to enable learners to

gain a sequential and incremental learning experience from a broad introductory foundation of art, craft and design related to option choice at AS, through to greater

specialism and achievement at A level.

The AS represents the first year of a two year A level qualification but it can be studied separately.

AS UNIT 1

Personal Creative Enquiry – Non–exam assessment

40% of qualification (160marks)

An extended, exploratory portfolio and outcome/s based on themes and subject matter which are personal to the learner. The Enquiry must integrate critical, practical and theoretical work.

This work will be assessed holistically, using the assessment objectives. Learners will be required to select, evaluate and present their work for assessment.

A2 Unit 2

Personal Investigation – Non-exam assessment

36% of qualification (160marks)

Consists of **two** integrated constituent parts:

1. a major in-depth critical, practical and theoretical investigative portfolio and outcome/s based on themes and subject matter that have personal significance.
2. An extended written element of 1000 words minimum, which may contain images and texts and must clearly relate to practical and theoretical work using an appropriate working vocabulary and specialist terminology.

- Both the practical/theoretical work and the written element will be assessed together using the assessment objectives. Learners will be required to select, evaluate and present their work for assessment.
- The Personal Creative Enquiry and Personal Investigation will be determined by the learner and teacher, assessed by the teacher and externally moderated.

A2 Unit 2

Externally Set Assignment Non-exam assessment

24% of qualification (100 marks)

Part 1: Preparatory study period

- The externally set assignment materials are to be released to learners from 1 February (in the second year of the course) and will consist of a series of visual and written stimuli.
- One of the stimuli is to be selected by the learner and used as a starting point from which to elicit a personal response.
- Responses are developed during the preparatory study period. They should take the form of critical, practical and theoretical preparatory work/supporting studies which inform the resolution of ideas in the **15** hours sustained focus study.

Part 2: 15 hour period of sustained focus work

- The resolution of learners' ideas from the preparatory work must be completed during the designated **15** hours and they must show how their planning relates to the outcome/s.
- The period of sustained focus work must be completed under supervised conditions.

Both the preparatory work and sustained focus work will be assessed together, using the assessment objectives.

Learners will be required to select, evaluate and present their work for assessment.

The Externally Set Assignment will be set by WJEC, assessed by the teacher and externally moderated.

This course is suitable, but is not exclusively for pupils who wish to pursue a career in the visual arts or related fields. We encourage our pupils to apply for Foundation course in Art and Design or for degree courses.

This is a course that offers a creative challenge for pupils. They will be expected to work regularly at home and within the art rooms developing skills and ideas. A lot of enjoyment and satisfaction may be gained from the practical and creative work with an opportunity to exhibit the highlights of their efforts in the school at the end of the academic year.



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Ymweliadau



PHYSICAL EDUCATION L3

Introduction/Course Objectives

An exciting course that is challenging to anyone who has an interest in Physical Education to develop knowledge, understanding and skills in a range of physical activities.

It provides an opportunity to improve performance, coach and officiate in chosen activities through both hands on practical work and a study of all aspects that lead to improvement in physical performance.

During year 12 the students will be required to complete the first two modules PE1 and PE2 which will result in an AS qualification. The remaining modules to be studied in year 13 will result in a full Advanced Level qualification.

Advanced Subsidiary (AS)

AS (2 Units)

AS Unit 1: Exploring physical education

- 1. Exercise physiology, performance analysis and training**
- 2. Sport psychology**
- 3. Skill acquisition**
- 4. Sport and society**

Written examination: 1¾ hours 24% of qualification 72 marks

To assess all AS subject content Question types Contextualised questions to include multiple choice, data response, short and extended answers

AS Unit 2: Improving personal performance in physical education

Non-exam assessment 16% of qualification 48 marks To assess

- practical performance in one activity as a player/performer**
- practical performance as a coach or official**
- Personal Performance Profile**

Advanced Level (A2)

A level Units (AS units plus a further 2 units)

A2 Unit 3: Evaluating physical education

- 1. Exercise physiology, performance analysis and training**

2. Sport psychology

3. Skill acquisition

4. Sport and society

Written examination: 2 hours 36% of qualification 90 marks To assess all A level subject content Question types A range of questions to include data response, short and extended answers

A2 Unit 4: Refining personal performance in physical education

Non-exam assessment 24% of qualification 60 marks To assess

- **practical performance in one activity as a player/performer, coach or official**
- **Investigative Research**

Assessment/Key Skills

One part of the AS course is internally assessed, externally moderated and the other part externally assessed through an exam (1hour 45 mins).

The A2 is assessed by combining the AS and an internal assessment, externally moderated and an externally moderated exam (2 hours).

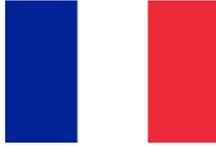
Key skills are integral to the study of Physical Education and a number of them will be assessed in the context of the subject e.g. communication, problem solving, working with others, improving own learning and performance.

Other

- Experience of GCSE P.E. would be advantageous but not essential.
- The aim of the course is to develop and sustain their enjoyment of, and interest in, Physical Education and sport.
- To develop and apply their skills in different roles, such as performer, coach and official.
- Pursuing this course offers a variety of employment opportunities e.g. coaching, teaching, leisure and sports management, sports medicine.



FRENCH L3



Do you enjoy discussing, debating and chatting? Do you enjoy learning about other cultures and countries whilst developing skills that will remain with you whatever your chosen career path? Are you looking for a course that will offer a challenge and is attractive to universities and employers alike? Studying French at AS/A2 does all this and much more.

AS

You will have the opportunity to learn about and discuss the following interesting and relevant topics:

- **Being a young person in French-speaking society:** family structures, traditional and modern values, friendships/relationships, youth issues, education and the world of work
- **Understanding the French-speaking world:** Life, customs and traditions in French-speaking countries and communities e.g. France, Canada, Switzerland and Les Dom -Toms. You will also learn about literature, art, film and music in the French-speaking world

You will be able to express your opinion on these topics in spoken and written French and compare attitudes in the UK, France and Francophone countries. You will also study a French film as part of the AS French course.



A Level

If you choose to continue to study French in year 13 you will develop the ability to discuss more complex, contemporary issues:

- **Diversity and difference:** Migration and integration, cultural identity and marginalisation, cultural enrichment and celebrating difference
- **France 1940-1950: The Occupation and the post-war years:** Occupation, liberation and the end of World War II, life in Occupied France and the cultural dimension, 1945-1950: rebuilding and restructuring, repercussions for modern day France.

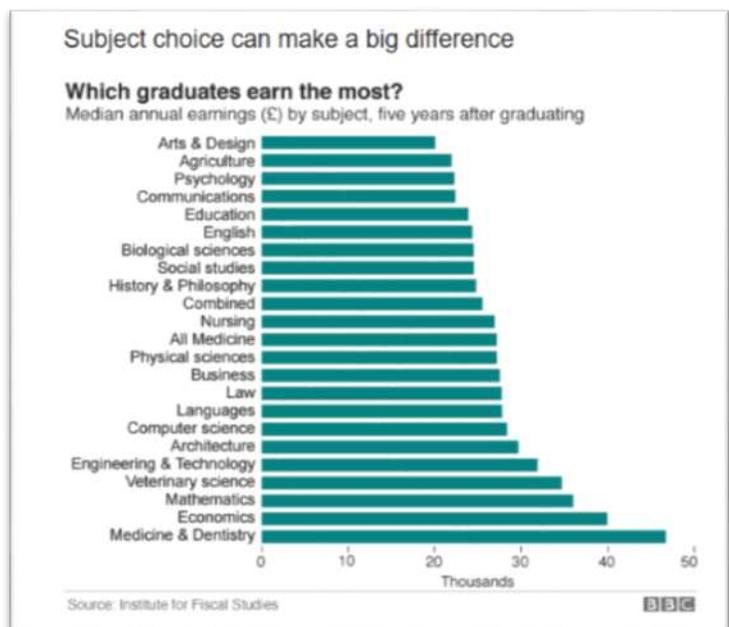
- Another important and exciting part of the year 13 course involves studying at least one French novel. There will also be an independent study project, which gives you the opportunity to choose an area of personal interest linked to French-speaking countries or communities.

Examinations Advanced Subsidiary (AS)

Unit 1:	Oral discussion of 2 of the AS themes Present opinions and discuss themes using written stimulus cards	30% of AS	(12% of qualification) (12 –15 minutes)
Unit 2:	Listening, reading and translating (translating from French into Welsh)	37% of AS	(15% of qualification) (1 hour 30 minutes)
Unit 3:	Essay in French based on a film	33% of AS	(13% of qualification) (1 hour 30 minutes)

Advanced Level (A2)

Unit 4:	Oral presentation Independent research project	30% of A2	(11-12 minutes)
Unit 5:	Listening, reading and translating (translating from Welsh into French)	38% of A2	(1 hour 45 minutes)
Unit 6:	Critical response to novel (1 essay question)	32% of A2	(1 hour 30 minutes)



HISTORY L3

Introduction

History is a subject that requires candidates to examine the actions of people in past societies, and thereby poses issues about the perspectives, motivation and reactions of people. Through the study of such past societies, both over a relatively long period of a hundred years or more in the period study, and in the in-depth study, candidates will have opportunities to reflect on a range of spiritual, moral, ethical, social and cultural issues. The History AS and A Level is an exciting and varied course for pupils who wish to continue with their studies or revisit History again.

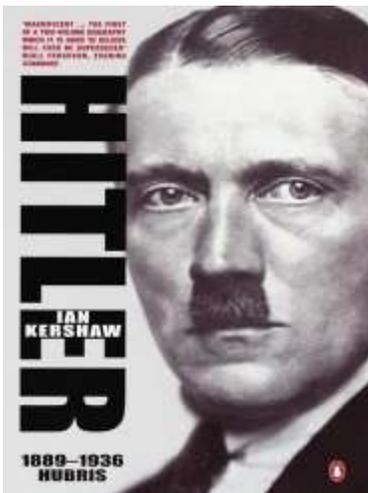
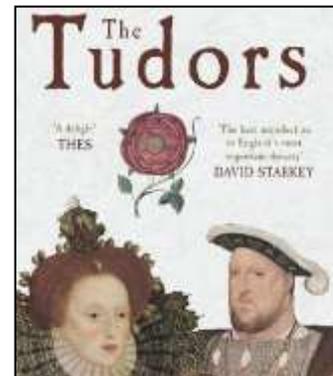
Course Objectives

Advanced Subsidiary (AS)

Unit 1:

Government, Rebellion and Society in Wales and England 1485-1603 (period study).

- A study of the political, religious, social and economic changes as well as protests and rebellions during the Tudor era.
- Written examination 1hr 30 minutes
- 20% of the qualification



Unit 2:

Germany: Democracy and Dictatorship 1918-45 (in depth study).

- Germany 1918-1933 – Weimar and its challenges.
- Written examination 1hr 45 minutes
- 20% of the qualification

Advanced Level (A2)

Unit 3:

THE AMERICAN CENTURY c.1890-1990 (breadth study).

- **The struggle for Civil Rights, c.1890-1990**

- **Making of a superpower, c.1890-1990**

- Thematic study of the political changes and the protests to ensure change.
- Written examination 1hr 45 minutes
- 20% of the qualification



Unit 4 (part 2):

Germany: Democracy and Dictatorship 1933-45 (in depth study)

- A study of the political, social, economic and foreign policies.
- Written examination 1hr 45 minutes
- 20% of the qualification

Unit 5:

Historical Interpretations

- An independent study of a theme based on an historical interpretation (3,000-4,000 words).
- Internal assessment
- 20% of the qualification - 60 marks

Extra-curricular

- A visit to the Parliament in Westminster and the Imperial War Museum in London.
- An opportunity for two students to attend the project 'Lessons from Auschwitz'.
- History trip to America in October 2016.
- Lectures and seminars on the subjects that are studied.
- A chance to lead school assemblies on Remembrance Day and the Holocaust Memorial Day.

Why study History?

A qualification in History will offer something to almost any job or employer because it promotes the skills required in working life. History is a distinct help for the following: Legal Profession, Library, Museum and Archive work, Teaching, Social Services, Armed Services, Police and Management.

MATHEMATICS L3

Introduction/Course Objectives

The AS and A level courses provided by the school will encourage candidates to :

- develop their understanding of Mathematics and mathematical processes in a way that promotes confidence and fosters enjoyment;
- develop abilities to reason logically and recognise incorrect reasoning, to generalise and to construct mathematical proofs;
- extend their range of mathematical skills and techniques and use them in more difficult, unstructured problems;
- develop an understanding of coherence and progression in Mathematics and of how different areas of Mathematics can be connected;
- recognise how a situation may be represented mathematically and understand the relationship between 'real world' problems and standard other mathematical models and how these can be refined and improved;
- use Mathematics as an effective means of communication;
- read and comprehend mathematical arguments and articles concerning applications of Mathematics;
- use technology such as calculators and computers when appropriate, recognise when such use may be inappropriate and be aware of limitations;
- develop an awareness of the relevance of Mathematics to other fields of study, to the world of work and to society in general;
- take increasing responsibility for their own learning and the evaluation of their own mathematical development.

Course Content:

AS Level:

AS Unit 1 Pure Mathematics A (25%)

AS Unit 2 Applied Mathematics A (25%)

Section A: Statistics

Section B: Mechanics

A Level:

A2 Unit 3 Pure Mathematics B (35%)

A2 Unit 4 Applied Mathematics B (25%)

Section A: Statistics

Section B: Differential Equations and Mechanics

Assessment

- Homework is given on a regular basis. It is of paramount importance that homework is completed as there is progression in the scheme of work.
- Exam varies from 1hour 45 minutes for the Applied to 2hours 30 minutes for the Pure
- Units available every Summer

Background Knowledge

Students embarking on either an AS or full Advanced Level course will be expected to have achieved at least Grade B in GCSE Mathematics. They will be expected to be confident in the use of the majority of material covered in the Higher Tier of GCSE Mathematics. Students embarking on the Further Mathematics Advanced Level course will be expected to have achieved Grade A* in GCSE Mathematics.

Calculators

Will need a specific calculator for this course:

Casio Fx-991ex £25

or

Texas Ti-30xPro £14/£15

Useful Websites

www.mathscareers.org.uk

www.nrich.maths.org.uk

www.furthermaths.org.uk

www.wjec.co.uk

PSYCHOLOGY L3

What is Psychology?

- The study of the mind.
- The study of behaviour.
- The study of human analysis.
- The study of why people behave the way that they do.

Advanced Subsidiary (AS)

Unit 1: Psychology Past to Present:

Questions relating to five psychological approaches, therapies and classical pieces of research.

20% : 1 hour and a half examination

Unit 2: Using Psychological Concepts

Section A: Contemporary debates.

Section B: Principles of research (including Milgram and Kohlberg).

Section C: Application of research methods to a novel scenario.

20% : 1 hour and a half examination

Advanced Level (A2)

Unit 3: Implications in the Real World:

Section A: The study of behaviours.

Section B: Controversies in psychology.

40% : 2 hours and a half examination

Unit 4: Applied Research Methods:

Section A: Personal investigations;

Section B: Application of research methods to novel scenarios

20% : 1 hour and half examination

Why study Psychology?

Psychology plays a role in life long learning and the skills learnt can be applied to other science and art subjects and careers. The course is appropriate for students who wish to study psychology further and careers such as:

- Educational Psychology
- Clinical Psychology
- Organizational Psychology
- Advertising and Marketing Psychology
- Sports Psychology
- Criminal Psychology.

Computer Science AS and A Level

Course Length

Advanced Subsidiary = 1 year / A Level = 2 years (AS+1)

Entry Requirements	Qualification	Examination Board
GCSE ICT: Grade A or above GCSE Mathematics or Computer Science GCSE: Grade B or above	Grades A – E (Advanced Subsidiary) / Grades A* – E (A Level)	WJEC (www.wjec.co.uk)

Course Description

Computers are widely used in all aspects of business, industry, government, education, leisure and the home. In this increasingly technological age, a study of computer science, and particularly how computers are used in the solution of a variety of problems, is not only valuable to the learners but also essential to the future well-being of the country.

The course objectives are:

- an understanding of, and the ability to apply, the fundamental principles and concepts of computer science, including abstraction, decomposition, logic, algorithms and data representation.
- the ability to analyse problems in computational terms through practical experience of solving such problems, including writing programs to do so the capacity for thinking creatively, innovatively, analytically, logically and critically
- extends the students' horizons beyond the school or college environment in the appreciation of the effect of computer application on society and individuals.

The purpose of the A Level and AS examinations in Computer Science is to recognize this with a reputable qualification that is relevant to a student who intends to pursue a career in the Arts or Sciences, as well as Computer Science.

Computing is a subject that by its nature requires candidates to consider individual, moral, ethical, social, cultural and contemporary issues.

Course Content and Method of Assessment

AS	Unit 1	2 hour written exam (25.0%)
AS	Unit 2	2 Hour On-screen Programming task (15.0%)
A2	Unit 3	2 hour written exam (20.0%)
A2	Unit 4	2 hour written exam (20.0%)
A2	Unit 5	Coursework project (20.0%)

Future Pathways

This specification provides a suitable foundation for the study of *Computer Science* or a related area through a range of higher education / vocational courses (e.g. Computer Science, Computing, Software Engineering) or direct entry into employment. In addition, the specification provides a coherent, satisfying and worthwhile course of study for candidates who do not progress to further study in this subject.

MUSIC

A2 Unit 6: Appraising

Written examination: 2 hours 15 minutes (approximately)

24% of qualification

80 marks

Two areas of study:

Area of study E: The Western Classical Tradition (Part 2)

Either:

- The Symphony 1830-1910 including one set work, *Symphony Number 1, Movement 4*, Brahms

Or:

- Religious Choral Music 1800-1890 including one set work, *Requiem, Verdi (Dies Irae)*

Area of study F: Music of the Twentieth and Twenty-first Centuries

Learners choose one strand from list A and one strand from list B.

List A

Either:

- Strand 1: Impressionism including one set work, *Reflets Dans L'eau*, Debussy and two subsidiary pieces *Colloque Sentimental*, Debussy and *Mother Goose (Ballet) (Prelude)*, Ravel

Or:

- Strand 2: Chamber Music in Wales including one set work, *Night Dances*, Plowman and two subsidiary pieces: *Ariel*, Samuel and *Tango Passacaglia*, Wilson-Dickson

List B

Either:

- Strand 3: Popular Music in Wales, *Gruff Rhys*, *Super Furry Animals*, *The Manic Street Preachers* and *Kizzy Crawford*

Or:

- Strand 4: American Musical Theatre, *Stephen Sondheim* and *Stephen Schwartz*

Or:

- Strand 5: Jazz Legends, *Duke Ellington* and *Miles Davis*