

HELPING YOUR CHILD THROUGH GCSEs.

YEAR 11



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YEAR 11

QR Intro from
Mr. Tom Davies



Community Drop-In every Wednesday 12pm-2pm

Caerau Community Centre

Mrs Alison Davies (07813 956115)

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GCSE English Language

Course Overview

English Language GCSE focuses on the skills needed to communicate with others. Throughout this course, students will work on developing their knowledge and skills in: Writing with an accurate and engaging style.

Adapting language to suit audience and purpose.

Reading and responding to a wide range of fiction and non-fiction.

Speaking and listening in a range of contexts, to communicate points of view.

Non-Examination Assessment

Unit 1: Oracy 20%

- Individual presentation
- Group Discussion

2 x 2-hour examinations

In each, you will need to show understanding of a range of written texts. There will be a variety of short responses and extended response questions.

Unit 2: External Assessment - Description, Narration & Exposition 40%

Unit 3 External Assessment - Argumentation, Persuasion and Instructional 40%

Key Dates

- Oracy group discussion deadline: to be completed by October half-term
- Overall Unit 1 deadline: March 2023 (group discussions and individual presentations)
- Unit 2 and 3 Examinations: June 2023 (exact dates to be released by WJEC)



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STUDENT REVISION AND STUDY TIPS


Know where to look! All English teachers have uploaded revision materials to their class teams in a folder called 'Revision'. English Language support sessions run every Wednesday after school.

Read as much as you can! Practice your skimming and scanning skills by reading a range of texts and looking for the key information – anything from online articles to novels!

Know your deadlines! Keep an eye on the assignments set for you on Teams by your English teacher and make sure all classwork and homework deadlines are met. Key dates have been added above.

Get skilled up! Make sure you are familiar with key exam skills and question types. If you hear words like 'summarise' and 'compare' you should know exactly what to do.

Useful Online Resources

WJEC Exam Walk-Through	Resource WJEC Educational Resources Website	
GCSE Pod (Use your school Office 365 login)	GCSEPod	
GCSE Bitesize (No login required)	GCSE English Language - WJEC - BBC Bitesize	



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Single Science Award // WJEC

"There are billions of places out there that we know nothing about. The fact that we know nothing about them excites me, and I want to go out and find out about them. And that's what Science is!" - Brian Cox.

The WJEC GCSE Applied Science (Single Award) specification uses a context led approach to science learning and assessment. It provides learners with a broad, coherent, practical and worthwhile course of study.

Studying the GCSE Applied Science (Single Award) provides experience of how science works, whilst stimulating learners' curiosity and encouraging them to develop an understanding of science, its applications and its relationship to the individual and society.

Single Award Applied Science	
Unit 1 Science in the modern world (40% of qualification)	2 x 1 hour & 30 minute externally assessed written examinations A mix of short answer; structured; extended writing and data response questions, with some set in a practical context.
Unit 2 Science to support our lifestyles (30% of qualification)	Task based assessment - 20%, externally assessed <ul style="list-style-type: none">- Carrying out a practical investigation in an applied scientific context (60 minutes)- Analysis of data in an applied scientific context (60 minutes)
Unit 3 Task based assessment (20% of qualification)	Practical Assessment - 10%, externally assessed <ul style="list-style-type: none">- Obtain results from a given experimental method. (60 minutes.)- Analyse and evaluate the data obtained. (60 minutes.)
Unit 4 Practical assessment (10% of qualification)	

Single Award Science offers pupils a broad course of study that adds to their knowledge and understanding of the living, material and physical worlds and develops their understanding of how science is used in everyday life. This GCSE is not designed to enable progression to level 3 qualifications in Science.



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Biology // WJEC

"Biology is now bigger than physics, as measured by the size of budgets, by the size of the workforce, or by the output of major discoveries; and biology is likely to remain the biggest part of science through the twenty-first century." - Freeman Dyson

"GCSE Biology offers a wide range of interesting topics and is very enjoyable."
- Olivia Thomas

Biology is the scientific study of life: as such it covers the investigation of living organisms and life processes from cells and individual organisms to populations and whole communities of animals and plants. At GCSE Biology we will focus on three main areas:

- Developing knowledge and understanding of Biology
- Understanding how Biological knowledge impacts on society
- Developing skills and the ability to evaluate scientific information

WJEC GCSE Biology Modular	
Biology Unit 1 (Completed in Year 10) <ul style="list-style-type: none">• Cells• Organ systems• Ecosystems	2 x 1 hour 45 minutes examinations. Each examination consists of a mix of short answer, structured, extended writing and data response questions. Some of these questions will be set in a practical context.
Biology Unit 2 (Completed in Year 11) <ul style="list-style-type: none">• Variation,• Homeostasis• Micro-organisms	Each examination is worth 45% of the final grade. Practical Assessment Students will need to obtain results from a given experimental method and analyse and evaluate the data obtained.
Biology Unit 3 (Completed in Year 11) <ul style="list-style-type: none">• Biology Practical Assessment	The practical assessment is worth 10% of the final grade.

GCSE Biology leads into AS/A2 Biology, which leads into Biology based courses at university. Potential careers related to Biology include Medicine, Veterinary Science, Physiotherapy, Genetic Engineering, Biotechnology, Pharmacy, Pharmacology and many, many more...



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Chemistry // WJEC

“Every aspect of the world today – even politics and International relations is affected by chemistry.” - Linus Pauling

Chemistry is the study of matter (or ‘stuff’) and the changes it can undergo. It is about understanding the basic properties of matter and learning how to predict and explain how they change when they react to form new substances.

The GCSE Chemistry course provides students with opportunities to carry out their own scientific investigations and to evaluate scientific information. Students also look at how scientific knowledge and expertise provides benefits for society, but can also pose moral and ethical problems. They also develop their skills in communication, mathematics and the use of technology in scientific contexts.

GCSE Chemistry	
Unit 1 (Completed in Year 10) <ul style="list-style-type: none">Chemical substances, Reactions and Essential Resources.	2 x 1 hour 45 minutes externally assessed written examinations - 45% of qualification individually, 90% total. A mix of short answer; structured; extended writing and data response questions, with some set in a practical context. Practical Assessment - 10%, externally assessed. <ul style="list-style-type: none">Obtain results from a given experimental method. (60 minutes)Analyse and evaluate the data obtained. (60 minutes)
Unit 2 (Completed in Year 11) <ul style="list-style-type: none">Chemical bonding, Application of Chemical Reactions and Organic Chemistry.	
Unit 3 (Completed in Year 11) Practical Assessment	

Progression and Career Opportunities: AS/A2 Chemistry, Physics and Biology in Maesteg School. The study of Chemistry, Medicine, Biochemistry, Molecular Biology, Chemical Engineering, Forensic Science, Environmental Science, Analytical Science, etc. It also provides a satisfying course of study for those who do not wish to study the subject further.



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Physics // WJEC

"Space is big. You just won't believe how vastly, hugely, mind-bogglingly big it is. I mean, you may think it's a long way down the road to the chemist's, but that's peanuts to space." - Douglas Adams

Triple Science - Physics enables students to develop their appreciation of the knowledge and understanding of the world as established by the scientific community. The subject explores a wider range of scientific concepts and provides a more detailed knowledge and understanding, by helping students develop and improve skills in several key areas:

- Evaluating scientific information.
- Undertaking scientific measurements and investigations.
- Developing scientific language, mathematical and communication skills.

GCSE Physics	
Unit 1 (Completed in Year 10) <ul style="list-style-type: none">• Electricity, Energy and Waves.	2 x 1 hour, 45 minutes externally assessed written examinations - 45% of qualification individually, 90% total. A mix of short answer; structured; extended writing and data response questions, with some set in a practical context. Practical Assessment - 10%, externally assessed. <ul style="list-style-type: none">• Obtain results from a given experimental method. (60 minutes.)• Analyse and evaluate the data obtained. (60 minutes.)
Unit 2 (Completed in Year 11) <ul style="list-style-type: none">• Forces, Space and Radioactivity.	
Unit 3 (Completed in Year 11) <ul style="list-style-type: none">• Practical Assessment	

Triple Science - Physics leads into AS/A2 courses like Physics and Maths, and Science and Engineering courses at university. Science and Engineering graduates have diverse career opportunities and the subject has one of the highest rates of graduate employability. Studying Science will provide you with a wide variety of transferable skills particularly attractive to universities and employers alike.

Not all Physics students end up working in laboratories! Potential careers related to Physics include electrical, civil, materials, aeronautical and mechanical engineering, meteorology (weather forecasting), Formula 1, computer programming, medicine, optometry, pharmacology, telecommunications, teaching, environmental health, conservation, mining, navigation, surveying, architect drawing, data analysis, civil service, and marine science to name but a few.



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Key Dates – Year 11


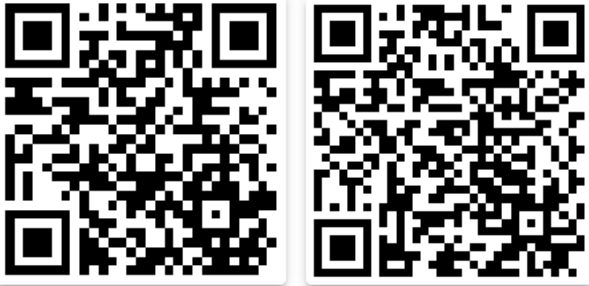



Date	Assessment	Course
November 2022	Task Based Assessment	Single Award Applied
December 2022	PPE	Single Award Applied Biology Chemistry Physics
January -February 2023	Practical Assessments	Single Award Applied Biology Chemistry Physics
Summer Exam Series	Unit 1 resits	Single Award Applied Biology Chemistry Physics
	Unit 2	Single Award Applied Biology Chemistry Physics

End of topic tests will be completed throughout the year



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Useful Online Resources

All Science Subjects	NEW Blended Learning (wjec.co.uk) NEW Knowledge Organisers (wjec.co.uk) Question Bank (wjec.co.uk)	
Biology	GCSE Biology (Single Science) - WJEC - BBC Bitesize WJEC Educational Resources Website	
Chemistry	GCSE Chemistry (Single Science) - WJEC - BBC Bitesize WJEC Educational Resources Website	
Physics	GCSE Physics (Single Science) - WJEC - BBC Bitesize WJEC Educational Resources Website	
Single Award Applied Science:	WJEC Educational Resources Website	



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GCSE Mathematics & Numeracy

Course Overview

- GCSE Numeracy will enable learners to develop knowledge, skills and understanding of mathematical and statistical methods required for everyday life. Pupils will benefit from being able to acquire and use strategies for problem solving and modelling in context. As well as being able to interpret different mathematical results and communicate information in a variety of forms.
- GCSE Mathematics builds on the progress made at the end of KS3 and extends to aspects of mathematics needed for progression to scientific, technical or further mathematical study. Learners can develop the skills needed to select and apply methods in both mathematical and real-world contexts. The course also enables learners to communicate mathematical information in a variety of forms, draw and justify conclusions based off their calculations and workings.

The following table summarises the way in which the mathematical content is divided across the mathematics GCSE's (Maths & Numeracy):

GCSE	Mathematics – Numeracy	Mathematics	
Content	Number, Measure and Statistics plus <u>some aspects of</u> Algebra, Geometry and Probability	<u>All</u> the content of GCSE Mathematics - Numeracy	<u>Additional</u> Algebra, Geometry and Probability
Assessment focus	The application of the above content in context	–	The application of the <u>above</u> content in context
		Procedural skills in situations that are context-free or involve minimal context for <u>all</u> content	

Key Dates 2022-2023

The following dates indicate actual external GCSE examinations, as well important PPE (Mock Assessments to indicate progression and possible required intervention):

- GCSE Mathematics: **External WJEC – May/June 2023** (Specific dates to be communicated)
- GCSE Mathematics Numeracy: **External WJEC – May/June 2023** (Specific dates to be communicated)
- GCSE Maths: Internal Mock- Week beginning 5th December.
- GCSE Maths & Numeracy: Internal Mock – Week beginning 13th February.



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Useful Online Resources



WJEC Question Bank



Maths DIY



Corbett Maths



Mathematics - Youtube

We encourage pupils to familiarise themselves with as much GCSE content as possible. Corbett maths have a range of videos to demonstrate how to successfully access a range of mathematical concepts. Pupils have recently been given specific list of topics that are very likely to be assessed during the summer exams. They will soon receive an updated version of this which will direct them to the video tutorial, specific for those topics. Maths DIY and WJEC question bank then allow pupils to access a range of past paper questions which they can attempt and check their answers.

A Quick Message

The Maesteg maths department would like to take this opportunity to communicate the importance of the pupil's success being based on a team effort. Pupils will have all the support and guidance needed to be successful in their mathematics GCSE examinations.

There will be revision clubs after school which allows pupils to really practice the key concepts that they feel they need more support on. Alongside this, pupils can really help themselves also, by ensuring they invest time in their independent learning.

By completing their weekly homework tasks on My Maths (and at times, paper copies of past paper questions), pupils give themselves opportunity to consolidate what is being covered in class that week.

There will be assessment points (mocks) over the course of the year, and it is important to recognise that these are as equally important as the final examinations. Preparing for mock assessments in the correct way, will give a true reflection on pupil's progress and more importantly, of what needs to be done to support and improve.

As pupils near the end of Year 11, we want them to be as prepared and stress free as possible. This can happen through a steady, consistent and mature approach to their learning.

Diolch Yn Fawr



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Key exam & assessment information 2022-2023

Parents Evening 17th November 2022

SUBJECT		DATE	EXAM
ENGLISH LANGUAGE	UNIT 1 (SPEAKING & LISTENING)	<u>Week beginning</u> 26th Sept 2022	CONTRIBUTES TO FINAL GRADE
	Recording of group orals		
	UNIT 1 (SPEAKING & LISTENING)	<u>Week beginning</u> 9 th Jan	CONTRIBUTES TO FINAL GRADE
	Individual presentation (re-sit)		
	UNIT 2 (READING AND WRITING: Description, Narration and Exposition)	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
	UNIT 3 (READING AND WRITING: Argumentation, Persuasion and Instructional)	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
Mock examination	<u>Week beginning</u> 5 th December to 12 th December 2022	INTERNAL MOCK EXAM (PPE)	



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SUBJECT		DATE	EXAM
MATHS	PAPER 1 (NON-CALCULATOR)	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
	PAPER 2 (CALCULATOR ALLOWED)	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
MATHS - NUMERACY	PAPER 1 (NON-CALCULATOR)	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
	PAPER 2 (CALCULATOR ALLOWED)	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
MATHS & NUMERACY	Mock examination	<u>Week beginning</u> 13 th Feb	INTERNAL MOCK EXAM (PPE)
SCIENCE	Mock examination for Single Award and Bio, Chem + Phys	<u>Week beginning</u> 5 th December to 12 th December 2022	INTERNAL MOCK EXAM (PPE)
	IN-CLASS PRACTICAL EXAM	16 th to 3 rd Feb	CONTROLLED ASSESSMENT CONTRIBUTES TO FINAL GRADE
	Single Award Applied (CHEMISTRY, BIOLOGY AND PHYSICS)	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM



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SUBJECT		DATE	EXAM
WELSH	Mock examination	<u>Week beginning</u> 5 th December to 12 th December 2022	INTERNAL MOCK EXAM (PPE)
	ORAL EXAM	24 th – 26 th April	CONTRIBUTES TO FINAL GRADE
	ORAL EXAM (RESIT FROM YEAR 10)	19 th – 21 st April	CONTRIBUTES TO FINAL GRADE
WBQ	COURSEWORK	TIMETABLE TO FOLLOW	CONTRIBUTES TO FINAL GRADE
PHYSICAL EDUCATION	NEA: Written Coursework PFP (PERSONAL FITNESS PROFILE)	<u>Week beginning</u> 19 th December 2022	CONTRIBUTES TO FINAL GRADE
	PRACTICAL P.E MODERATION	<u>Week beginning</u> 27 th March	CONTRIBUTES TO FINAL GRADE
HEALTH & SOCIAL CARE	NEA: Written Coursework	<u>Week beginning</u> 27 th March	CONTRIBUTES TO FINAL GRADE
	EXAM	JUNE SERIES (TIMETABLE TO FOLLOW)	EXTERNAL EXAM



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SUBJECT		DATE	EXAM
ART	COURSEWORK	16 th December 2022	CONTRIBUTES TO FINAL GRADE
	Class 11C (Miss Roach) CONTROLLED ASSESSMENT	28 th April and 2 nd May	CONTRIBUTES TO FINAL GRADE
	Miss Yates' Class CONTROLLED ASSESSMENT	8 th – 9 th May	CONTRIBUTES TO FINAL GRADE
PHOTOGRAPHY	COURSEWORK	16 th December 2022	CONTRIBUTES TO FINAL GRADE
	Class 11D (Miss Roach) CONTROLLED ASSESSMENT	18 th – 19 th April	CONTRIBUTES TO FINAL GRADE
	Class 11D (Miss Pearson) CONTROLLED ASSESSMENT	20 th – 21 st April	CONTRIBUTES TO FINAL GRADE
TEXTILES	COURSEWORK	16 th December 2022	CONTRIBUTES TO FINAL GRADE
	Class 11C CONTROLLED ASSESSMENT	4 th – 5 th May	CONTRIBUTES TO FINAL GRADE



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SUBJECT		DATE	EXAM
DRAMA	UNIT 1	10 th November 2022	CONTRIBUTES TO FINAL GRADE
	CONTROLLED ASSESSMENT		
MUSIC	PERFORMANCE 1 COURSEWORK	28 th October 2022	CONTRIBUTES TO FINAL GRADE
	PERFORMANCE 2 COURSEWORK	17 th February	CONTRIBUTES TO FINAL GRADE
	PROGRAMME NOTE Evaluation coursework	31 st March	CONTRIBUTES TO FINAL GRADE
	COMPOSITION 2	10 th March	CONTRIBUTES TO FINAL GRADE
FOOD & NUTRITION	Mock examination	<u>Week beginning</u> 5th December to 12th December 2022	INTERNAL MOCK EXAM (PPE)
	PRACTICAL EXAM	TIMETABLE TO FOLLOW	CONTRIBUTES TO FINAL GRADE
	EXAM	TIMETABLE TO FOLLOW	EXTERNAL EXAM
ENGINEERING DESIGN	YEAR 10 EXAM COMPLETED		
	COURSEWORK	TIMETABLE TO FOLLOW	CONTRIBUTES TO FINAL GRADE



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SUBJECT		DATE	EXAM
PRODUCT DESIGN		SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
	Mock examination	<u>Week beginning</u> 5 th December to 12 th December 2022	INTERNAL MOCK EXAM (PPE)
CONSTRUCTION	YEAR 10 EXAM COMPLETED		
	COURSEWORK	TIMETABLE TO FOLLOW	CONTRIBUTES TO FINAL GRADE
FRENCH	LISTEN EXAM	TIMETABLE TO FOLLOW	CONTRIBUTES TO FINAL GRADE
	ORAL EXAM	TIMETABLE TO FOLLOW	CONTRIBUTES TO FINAL GRADE
	WRITTEN EXAM	TIMETABLE TO FOLLOW	EXTERNAL EXAM
HISTORY	EXAM	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
	Mock examination	<u>Week beginning</u> 5 th December to 12 th December 2022	INTERNAL MOCK EXAM (PPE)



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SUBJECT		DATE	EXAM
GEOGRAPHY	NEA: Fieldwork write up	14 th – 15 th November 2022	INTERNAL CONTROLLED EXAM CONTRIBUTES TO FINAL GRADE
	EXAM	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
TRAVEL & TOURISM	Mock examination	<u>Week beginning</u> 5 th December to 12 th December 2022	INTERNAL MOCK EXAM (PPE)
	EXAM	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM
PUBLIC SERVICES	RE-SIT EXAM	<u>Week beginning</u> 16 th to 27 th Jan	EXTERNAL EXAM
RELIGIOUS STUDIES	UNITS COURSEWORK	TIMETABLE TO FOLLOW	CONTRIBUTES TO FINAL GRADE
IT MEDIA	COURSEWORK	TIMETABLE TO FOLLOW	CONTRIBUTE TO FINAL GRADE
COMPUTER SCIENCE	COURSEWORK	TIMETABLE TO FOLLOW	CONTRIBUTE TO FINAL GRADE
BUSINESS STUDIES	EXAM	SUMMER EXAM TIMETABLE TO FOLLOW	EXTERNAL EXAM



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