



Year 10 GCSE Information Evening

New GCSE exams this year

Wave 1: First teaching from September 2025

The first set of new GCSEs began in September 2025 and will have their first awards in 2027.

Core subjects: New combined language and literature qualifications for English and Cymraeg, as well as a double-award qualification for Mathematics and Numeracy.

Other subjects: Art and Design, Business, Computer Science, Drama, Food and Nutrition, French, Geography, German, Music, Religious Studies, and Spanish.

Wave 2: First teaching from September 2026

The second set of new GCSEs will begin in September 2026, with the first awards in 2028.

Core subjects: Double Award Science

Other subjects: Dance, Design and Technology, Digital Media and Film, Digital Technology, Health and Social Care and Childcare, History, Physical Education and Health, and Social Studies.

Exams vs NEA

NEA = Non Examined Assessment – assessments completed in school under different levels of control.

The percentage of NEA contributing towards the final grade in many subjects has increased.

Subjects have flexibility over planning when in the two years of study these will take place.

Good attendance in year 10 and 11 is more important than ever.

The Importance of Attendance

Our own GCSE results from 2026 demonstrate very clearly the relationship between attendance and achievement:

- Of pupils whose attendance was 95% or better , more than three quarters (77%) achieved at least five GCSE grades at A*–C.
- Where attendance was between 80% and 90% , this fell to 63% .
- Among pupils whose attendance fell below 80% , only 7% achieved five A*–C grades.

Put another way, of the 27 pupils in our 2026 Year 11 cohort whose attendance was below 80%, only two achieved this benchmark. The impact of sustained absence on pupils' eventual outcomes is therefore stark.

Key Dates

We will publish on the school website key dates for every GCSE subject in year 10.

It will provide an overview of when we currently plan to run NEA's and enter students for exams.

Helpful links

<https://qualifications.wales/regulation-reform/reforming/national-14-16-qualifications/national-qualifications-gcses/>

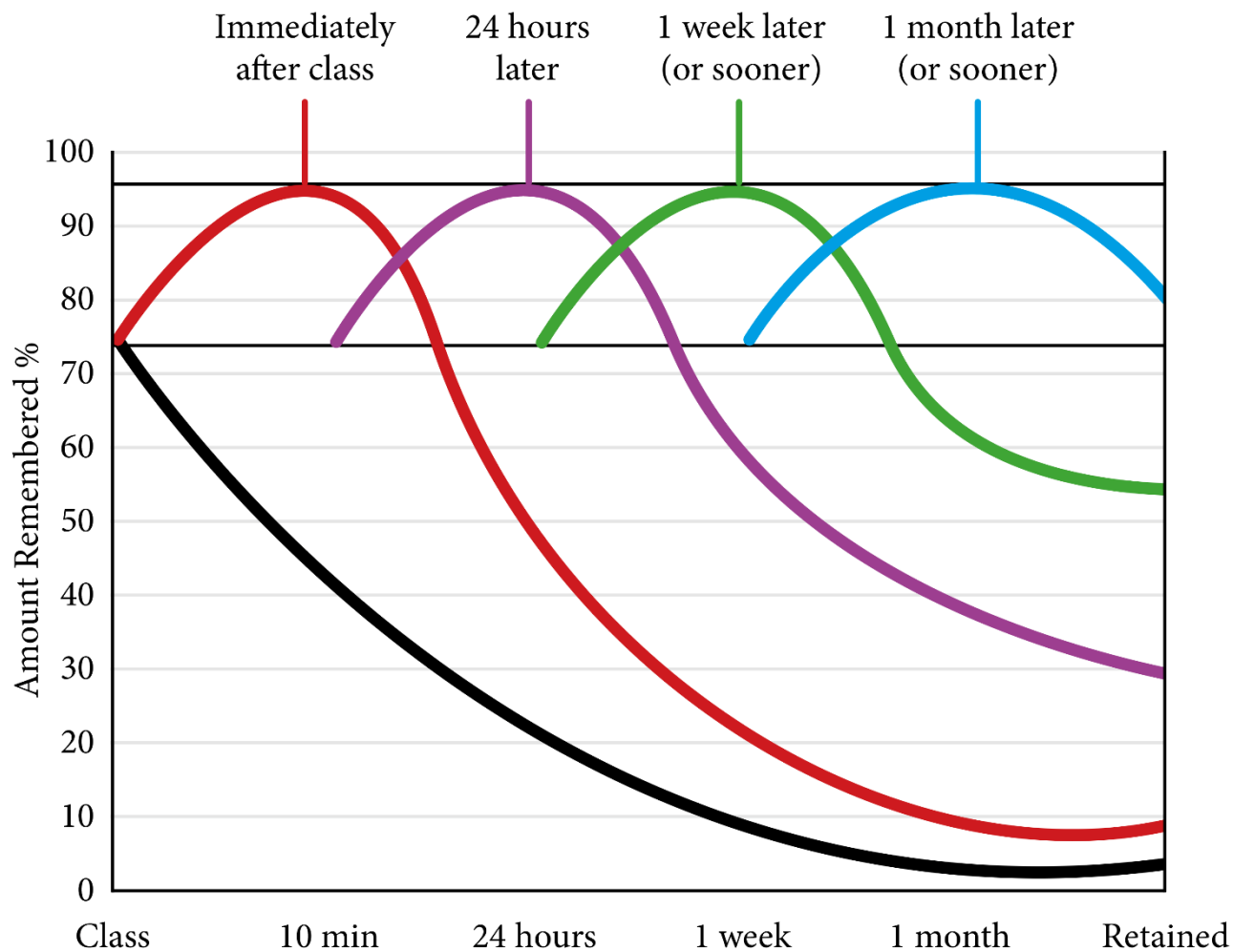
<https://www.wjec.co.uk/qualifications/>

<https://www.hawardenhigh.org.uk/revision-advice/>

<https://www.hawardenhigh.org.uk/revision-advice-for-parents/>

The Importance of Structured Revision

Overcoming The Curve



Revision Activities

- Mind-maps
- Key words – post-its
- Flash Cards
- Podcasts
- Family and Friends Test
- Highlight
- Chant/Rap
- Exam Questions and Mark Scheme
- Write your own Q's
- Mnemonics

After a one hour memorising session:

- 10 minutes later revise the topic for 10 minutes
- 1 day later revise the topic for 5 minutes
- 1 week later revise the topic for 2-5 minutes
- 1 month later revise the topic for 2-5 minutes
- Before exams revise the topic as required.
- **Each time knowledge is reinforced; it enters deeper into the long-term memory and becomes more stable.**

Be organised/Make a timetable

- Know your topics and subtopics.
- Plan when you are going to study.
- Use short bursts.
- Timetable in exercise.
- Sit at a desk – somewhere designed for study
- Make task specific & realistic

Weekly Revision Timetable

Name: _____

Day	9:00 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 1:00	1:00 – 3:10	3:10 – 4:00	4:00 – 5:00	5:00 – 6:00	6:00 – 7:00	7:00 – 8:00	8:00 – 9:00	9:00 – 10:00
Monday												
Tuesday												
Wednesday												
Thursday												
Friday												
Saturday												
Sunday												

*****Remember: make sure you give yourself breaks and allow time to relax and do the things you want to do and enjoy doing.**

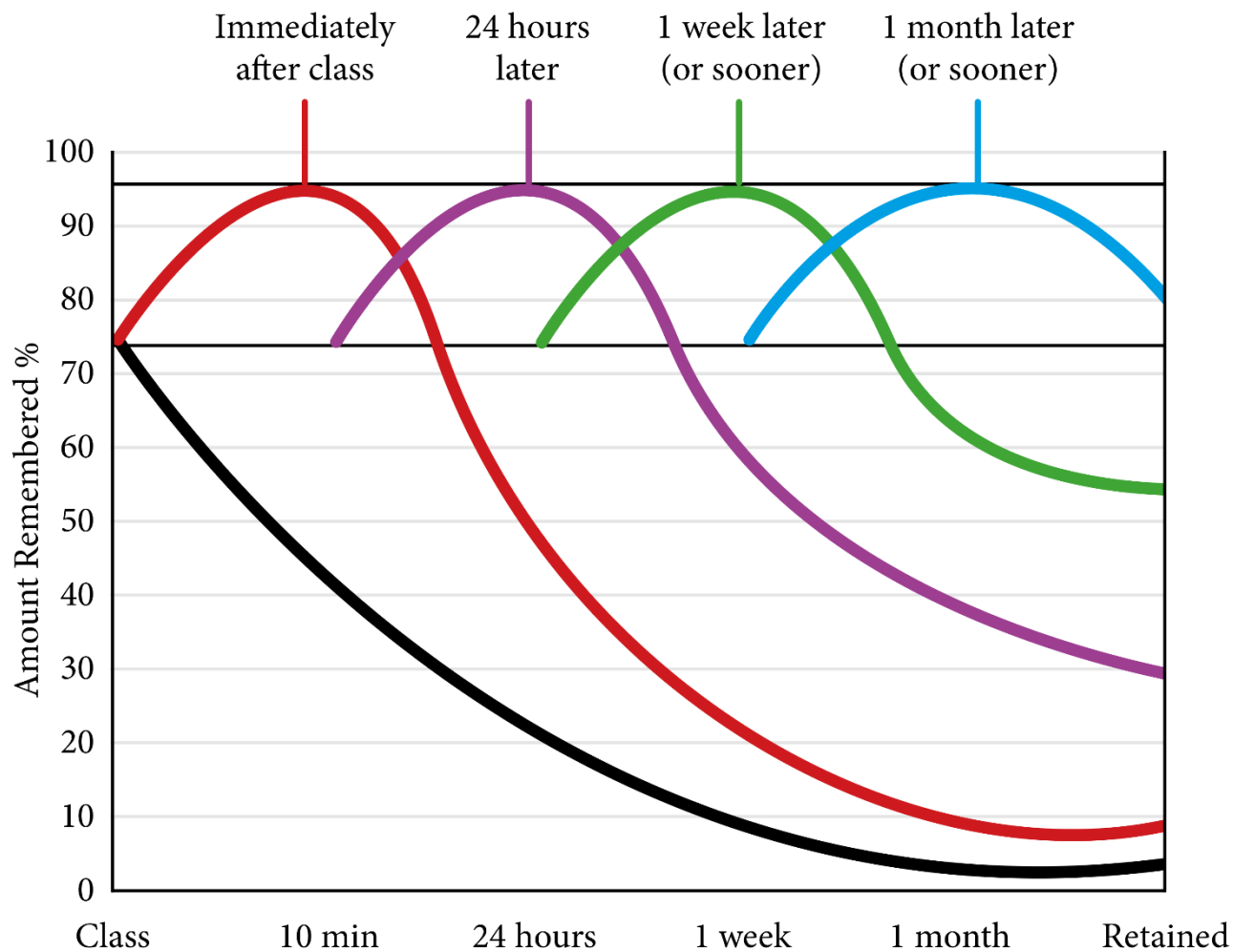
Weekly Revision Timetable

Name: _____

Day	8:30 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 1:00	1:00 – 3:10	3:10 – 4:00	4:00 – 5:00	5:00 – 6:00	6:00 – 7:00	7:00 – 8:00	8:00 – 9:00	9:00 – 10:00
Monday						English	RE	Break	Music	English	Relax	Relax
Tuesday						Science	Break	Break	Maths	Geography	Relax	Relax
Wednesday						Break	Geography	English	Break	Maths	Music	Relax
Thursday						Maths	Science	Break	Business Studies	Relax	Relax	Relax
Friday						Play football	Break	English	Break	Maths	Business Studies	Relax
Saturday	Science	Maths	Geography	Science	Football	Football	Football	Football	Relax	Relax	Relax	Relax
Sunday	Geography	Football	Football	Relax	Relax	Science	maths	Break	Geography	RE	Relax	relax

*****Remember: make sure you give yourself breaks and allow time to relax and do the things you want to do and enjoy doing.**

Overcoming The Curve



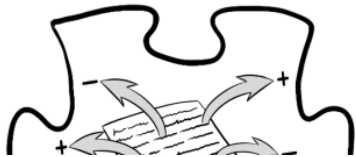
Further information

How to support revisiting of learning

Information for parents and carers

PIXL
partners in excellence

Did you know?



Remembering information is the first step for students in mastering higher level skills. For students to be able to explain, analyse, evaluate and create, they need to have a firm knowledge of the information and terms involved first.

Ebbinghaus' forgetting curve aims to show us how information can be lost from our memories over time when we don't strive to retain it. This

Helping your child get into good habits

Information for parents and carers

Did you know?



Healthy habits are essential to living a long and happy life, and they are important to instil in children from a young age. If you help them form these habits now, you will be giving them the tools to navigate any obstacles they may face as they grow into adulthood.

Research highlights that the late teenage years have been identified as the peak age for exposure to health risks with lifelong implications. The report, by the Association for Young People's Health (AYPH), revealed teenagers eat eight times the recommended sugar allowance and almost half have tooth decay. This worrying research also found out that most smokers start by the age of 25.

How to encourage productive learning

Information for parents and carers

PiXL
partners in excellence

Did you know?



PiXL
partners in excellence

Having a tidy space can reduce stress and improve productivity. Another way to maximise opportunities for work and reduce distractions is to ensure the space is organised with everything needed for studying: laptop, books, pens and any other equipment. If you want to go a step further, plants are shown to not only create a calm space but also aid concentration.

Many people find approaches like the Pomodoro technique help to increase their levels of productivity as it allows for focused 'work' time for 25 minutes, and then a 5-minute reward break. It is often surprising how much we can actually achieve in short bursts of time when we are fully focused, with no distractions, and know that there is a clear



unicef
UNITED KINGDOM



THE DAILY



Cyflwynwch Ysgriften
Iddi Rhwyddwch
Cymru



Marc Cyrrfa Cymru
Careers Wales Mark



Core Subject Information

GCSE English Language & Literature (2026 – 2028)

Mr D Oakey

Curriculum Leader – Communications

d.oakey@hawardenhigh.flintshire.sch.uk

Made for Wales

- New qualification – Wave 1
- Exciting blend of the best elements of both disciplines – Language **and** Literature
- Curriculum for Wales has prepared students for this new specification



GCSE

wjec
cbac

WJEC GCSE English Language
and Literature (Single and
Double Award)

Approved by Qualifications Wales
Specification

Teaching from 2025
For award from 2027

Version 4 - September 2025

This Qualifications Wales regulated qualification
is not available to centres in England.

Made for Wales.
Ready for the world.



Hawari
Ysgol U

New changes likely again to GCSEs after burnout concerns



GETTY IMAGES

The new qualifications were introduced in Wales in September 2025



WJEC's Response

- Removal of the Unit 5 paired discussion
- Removal of the Unit 3 non-fiction essay
- The Unit 2 essay is now worth 10%
- The Unit 3 group discussion is now worth 10%
- Removal of 'controlled' preparation time for all non-examination assessments
- **TLDR: the number of NEAs students must complete has been reduced from 6 to 4**

GCSE English Language & Literature

Unit 1:
Context & Meaning
(15%)

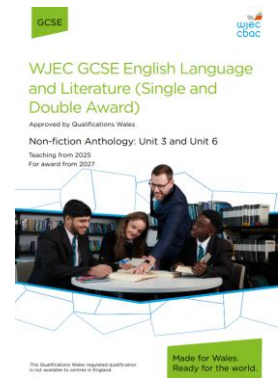
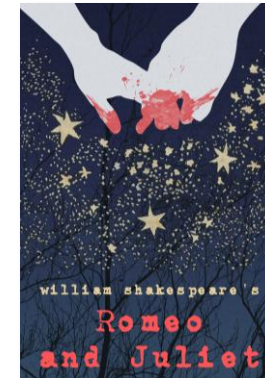
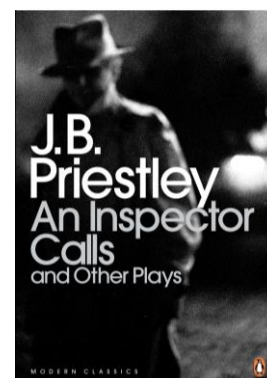
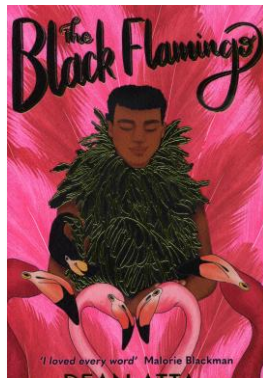
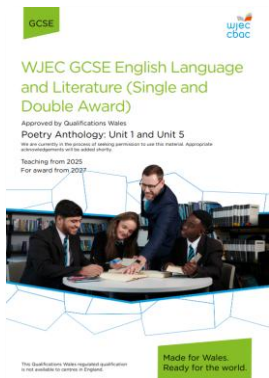
Unit 2:
Belonging
(10%)

Unit 3:
Influence & Power (10%)

Unit 4:
Motivations
(20%)

Unit 5:
Continuity & Change
(20%)

Unit 6:
Connections
(25%)



Course Coverage

- In Year 10, students will complete 35% of the course (Unit 1, Unit 2 and half of Unit 5)
- In Year 11, students will complete the remaining 65% of the course (Unit 4, half of Unit 5 and Unit 6)

Single vs Double

- WJEC offer both a **single** and **double** award
- Both qualifications are **two year** qualifications
- WJEC specify that the **double award** is the most appropriate course for the **vast majority** of students
- Common units - 1, 2, 3 and 4
- Programme of study will be the same for **all** students in Year 10
- Results reviewed in summer 2027 – opportunities to move small cohort of learners to Single Award



Hawarden High School
Ysgol Uwchradd Pen-y-bont

Common Units

Unit 1: Context and Meaning

Written Examination: Duration 1 hour 30 minutes

30% of the Single Award, 15% of the Double Award

60 marks

Section A: questions requiring objective, short and restricted responses and one analytical comparative essay based on one poem from the WJEC Anthology and one unseen poem.

Section B: extended response question (one from a choice of two) – creative literary or non-fiction writing.

Unit 2: Belonging

Non-examination assessment: Duration 2 hours

20% of the Single Award, 10% of the Double Award

30 marks

Choice of tasks set by WJEC. The task is marked by centres, moderated by WJEC.

The written essay is based on the study of a prose text selected from a comprehensive longlist of suggested texts. Learners will use a range of linguistic and literary approaches to demonstrate their knowledge and understanding of the whole text, exploring the theme of **Belonging** through the study of character(s) and setting.

Unit 3: Influence and Power

Non-examination assessment: Duration 6-10 minutes

20% of the Single Award, 10% of the Double Award

32 marks

WJEC will provide a choice from two selected themes as the discussion stimuli for the task. Learners must discuss how Influence and Power is presented in at least two linked texts from the anthology, one of which will be prescribed by WJEC. The task is marked by centres and moderated by WJEC.

Single Award	Double Award
Unit 4a (Single Award): Motivations Written Examination: Duration 1 hour 30 minutes 30% of the qualification 60 marks	Unit 4b (Double Award): Motivations Written Examination: Duration 1 hour 30 minutes 20% of the qualification 60 marks
Section A: questions requiring objective, short and restrictive responses and one analytical essay based on the text selected for study.	Section A: questions requiring objective, short and restrictive responses and one analytical essay based on the text selected for study.
Section B: extended response question (one from a choice of two), creative literary writing.	Section B: extended response question (one from a choice of two), creative literary writing.
	Unit 5: Continuity and Change Non-examination assessment: Duration 3 hours and 4-6 minutes 20% of the qualification 60 marks
	The assessment will comprise two tasks. Choice of tasks set by WJEC for Task A. For Task B, learners have a free choice of the theme of the presentation. Both tasks marked by centres, moderated by WJEC. Task A is an extended response based on the study of a whole play by Shakespeare. Task B is an individually researched presentation. The presentation should be linked to a theme or issue of the learners' choice.
	Unit 6: Connections Written Examination Duration 1 hour 30 minutes 25% of the qualification 80 marks
	Section A: A mix of questions requiring objective, short and restrictive responses and longer analytical, comparative and evaluative responses exploring connections between the WJEC non-fiction anthology text(s) and one unseen text. Section B: extended response question (choice of one from two), non-fiction writing.

Key Dates – NEAs and Exams

Assessment	Preparation	Assessment
Unit 2 (Essay)	w.b. 30th November 2026	w.b. 7th December 2026
Unit 5 (Individual Research Presentation)	w.b. 14th June 2026	w.b. 21st June 2026
Unit 1 (Exam)		12 th May 2026

Lessons Learned from 25/26

- Attendance is **crucial** – **lost learning** and **missed NEAs** create a backlog of work that is hard to catch up on
- Technical Accuracy – WJEC were extremely harsh when awarding marks for spelling and grammar
- Subject Terminology – questions requiring technical knowledge caused nation-wide issues
- NEA Grade Boundaries – WJEC's grade boundaries were much higher than we anticipated

Resources

WJEC Blended Learning:

- Knowledge Organisers
- Interactive lessons

English Language and Literature - Educational Resources - WJEC

Resource filter

① If you are unable to find the resources you need, please visit [our previous resources site](#) for additional materials.

Subjects > English Language and Literature

English Language and Literature

Qualification

- ☐ A Level 16
☒ GCSE (teaching from 2025) **New** 28

Specification item

- ☐ Unit 1: Context and Meaning
☐ Unit 4a: Motivations
☐ Unit 4b: Motivations
☐ Unit 6: Connections



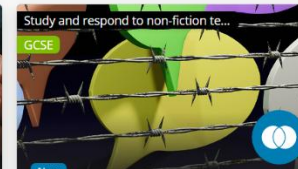
Non-Fiction: Relationships

This blended learning resource contains interactive self-study content covering Non-Fiction: Relationships.

More info [Open resource](#)

Last Updated: 10/04/2025

[Acknowledgements](#)



Non-Fiction: Human Rights

This blended learning resource contains interactive self-study content covering Non-Fiction: Human Rights.

More info [Open resource](#)

Last Updated: 16/05/2025

[Acknowledgements](#)



Non-Fiction: Diversity

This blended learning resource contains interactive self-study content covering Diversity.

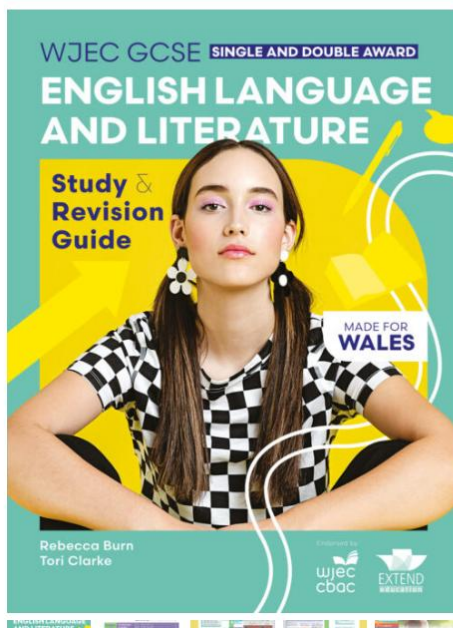
More info [Open resource](#)

Last Updated: 16/05/2025

[Acknowledgements](#)

Resources

 FREE SHIPPING ON ALL WJEC GCSE STUDENT BOOKS UNTIL WEDNESDAY 30 SEPTEMBER!



WJEC GCSE English Language and Literature (Single and Double Award): Study and Revision Guide

£19.99

In stock

-

1

+

ADD TO CART

 EVALUATE FOR FREE

Weight	815 g
Author(s)	Rebecca Burn, Tori Clarke
Exam board	WJEC
WJEC Endorsement	Endorsed
Publication date	30 April 2026
Number of pages	288
ISBN	9781917481229

SKU: WJEC0001

Categories: GCSE, WJEC

Tags: English Language and Literature, English-medium

How can I help?

1. Encourage revision – resources are limited, so encourage creation of flash cards, mind-maps etc.
2. Wide-ranging reading – novels, non-fiction, graphic novels, articles, news etc.
3. Watching – films, news (current events), documentaries etc.
4. Listening – podcasts, radio, news etc.
5. Active discussions - ask questions, challenge opinions
6. Encourage research – well-informed opinions

Year 10 New GCSE Mathematics and Numeracy

Double Award

Presentation

Mr A Jeffrey

Curriculum Leader for Mathematics

New GCSE Mathematics and Numeracy Double Award

Each qualification has 2 tiers of entry.

Higher Tier

A*
A
B
C
D
U

Foundation Tier

C
D
E
F
G
U

GCSE Mathematics and Numeracy

Unit 1: Financial Mathematics and Other Applications of Numeracy

Written examination

Higher Tier: 1 hour 45 minutes (80 marks)

Foundation Tier: 1 hour 30 minutes (65 marks)

30% of qualification

The written paper for each tier will comprise a number of short and longer, both structured and unstructured questions. These questions may be set on any part of the subject content assigned to this unit. Questions will be set in personal and other real-world contexts.

A calculator will be allowed in this paper.

GCSE Mathematics and Numeracy

Unit 2: Non-calculator

Written examination

Higher Tier: 1 hour 45 minutes (80 marks)

Foundation Tier: 1 hour 30 minutes (65 marks)

30% of qualification

The written paper for each tier will comprise a number of short and longer, both structured and unstructured questions. These questions may be set on any part of the subject content assigned to this unit. The paper will include context-free questions and questions set in mathematical and other contexts.

A calculator will **not** be allowed in this paper.

GCSE Mathematics and Numeracy

Unit 3: Calculator-allowed

Written examination

Higher Tier: 2 hours (90 marks)

Foundation Tier: 1 hour 45 minutes (75 marks)

40% of qualification

The written paper for each tier will comprise a number of short and longer, both structured and unstructured questions which may be set on any part of the subject content assigned to this unit. The paper will include a mix of questions set in real-world and other contexts, and context-free questions.

A calculator will be allowed in this paper.

GCSE Mathematics and Numeracy Unit 1

- (a) Noor's bank statement shows the following details for last week.

Date	Description	Credit (£)	Debit (£)	Balance (£)
25.09.2024	Starting balance			350.00
27.09.2024	Wages			1100.00
01.10.2024	Rent		575.00	
03.10.2024	Sale of bike	295.00		
04.10.2024	Council tax			705.65

Complete the four missing entries in her bank statement.

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[4]

The Physical Education (PE) department in Ysgol Ddwysaint wants to test the following hypothesis:

'Most pupils in Year 11 spend less than $2\frac{1}{2}$ hours per week doing exercise.'

- (a) Part of the questionnaire they will give to pupils in Year 11 asks the following question:

How many hours do you spend exercising?

0 to 1 2 to 3 4 to 5 6 to 7

☐ ☐ ☐ ☐

Give two reasons why the question is not suitable.

[2]

Reason 1:

.....

.....

Reason 2:

.....

.....

- (b) The PE department plans to give out the questionnaire to Year 11 pupils studying GCSE Physical Education and Health.

Give **one** criticism of this plan.

[1]

.....

.....

GCSE Mathematics and Numeracy Unit 2

1. (a) The attendance figures for two rugby matches are shown below.

Match A attendance	Match B attendance
30 152	23 451

- (i) Write down, in words, the attendance at Match A.

[1]

.....
.....

- (ii) Write the attendance at Match B correct to the nearest hundred.

[1]

.....
.....

- (b) A number has **exactly** four factors.
Its factors are 1, 3, 9 and the number itself.
What is the number?

[1]

.....
.....

- (c) Write these numbers in order, starting with the lowest number.

[1]

-7 0 -10 11

lowest			highest

1. Solve $13d + 9 = 5d - 31$.

[3]

.....
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2. A number machine is shown below.



The INPUT number is $2\frac{5}{8}$.

What is the OUTPUT number?

Give your answer as a mixed number.

[4]

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GCSE Mathematics and Numeracy Unit 3

1. (a) The words of the Welsh national anthem, Hen Wlad fy Nhadau, were written by Evan James in January 1856. [1]
In January 2024, Mathew sang the anthem in a school competition.

How many years after Evan James wrote the words did Mathew sing in the competition?

.....

.....

- (b) Kris has correctly answered four out of the five calculations shown below. [1]
Circle the **incorrect** calculation.

$$54 + 9876 = 9930$$

$$123 \times 87 = 10701$$

$$1225 \div 35 = 35$$

$$246 \times 35 = 8650$$

$$12345 - 6789 = 5556$$

.....

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1. The diagram below shows a rectangle with length $(3x - 1)$ cm and width $(2x - 5)$ cm.

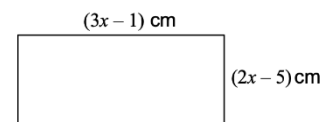


Diagram not drawn to scale

- (a) Form an expression, in terms of x , for the perimeter of this rectangle. [2]
You must simplify your expression.

.....

.....

.....

.....

- (b) The perimeter of the rectangle is 48 cm.

Form an equation, in terms of x .
Solve your equation to find the value of x .
You must show all your working.

[3]

.....

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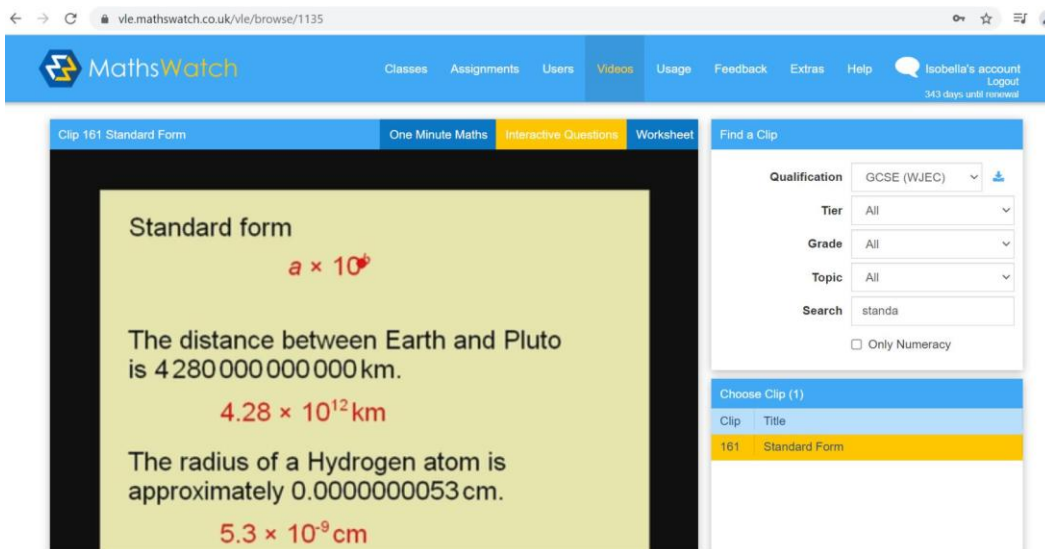
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GCSE Mathematics and Numeracy

Current Plan for Entry

Year	Unit	Percentage of Qualification	Calculator	Dates for Exam
10	1	30	Yes	Friday 14 th May 2027
11	3	40	Yes	November 2027
11	2	30	No	Summer 2028

GCSE Mathematics and Numeracy



The screenshot shows the MathsWatch website. The main content area displays a video clip titled 'Standard form'. The video content includes:

- Standard form
- $a \times 10^b$
- The distance between Earth and Pluto is 4 280 000 000 000 km.
- 4.28×10^{12} km
- The radius of a Hydrogen atom is approximately 0.0000000053 cm.
- 5.3×10^{-9} cm

The right sidebar shows search filters: Qualification (GCSE (WJEC)), Tier (All), Grade (All), Topic (All), and Search (standa). Below the filters, a table lists clips:

Clip	Title
161	Standard Form

Website:
<https://vle.mathswatch.co.uk>

Login example:
20DRiffin@hawarden

Login password:
20DRiffin@hawarden

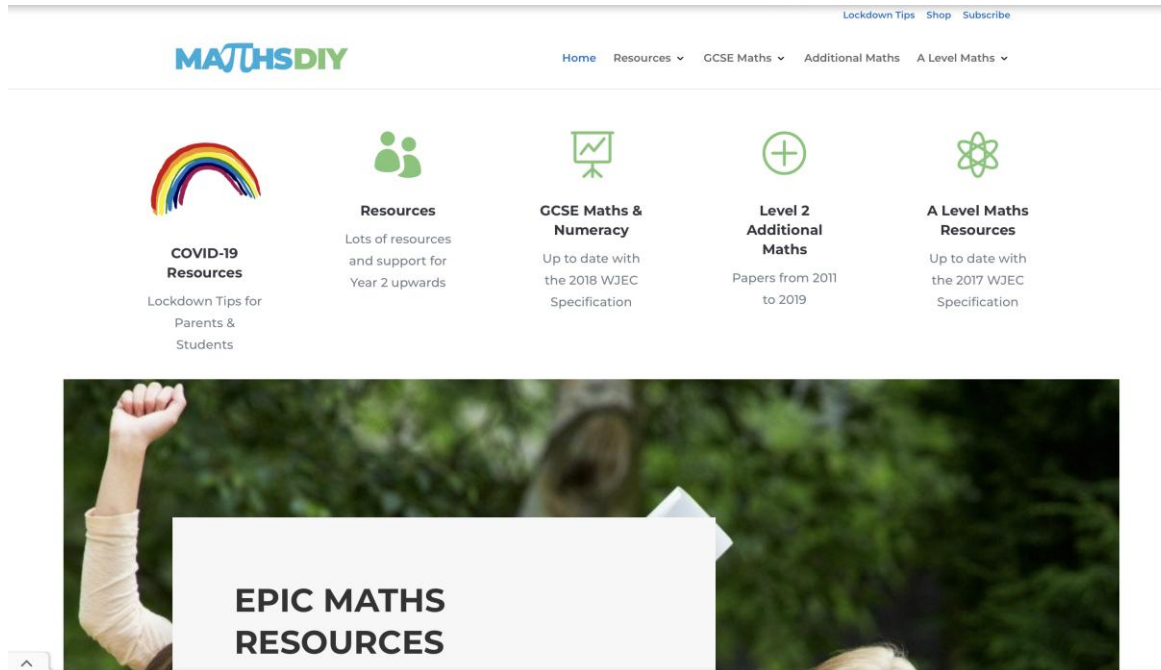
IF NONE OF THESE WORK

PLEASE EMAIL ME

andrew.jeffrey@hawardenhigh.flintshire.sch.uk

Mathematics GCSE

<https://www.mathsdiy.com>



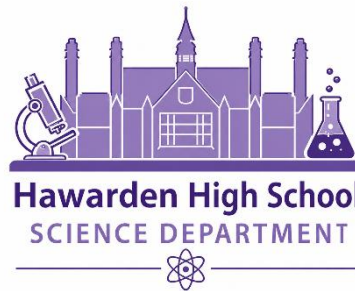
The screenshot shows the MathsDIY website homepage. At the top, there is a navigation bar with links for 'Lockdown Tips', 'Shop', and 'Subscribe'. Below this is the MathsDIY logo and a main navigation menu with 'Home', 'Resources', 'GCSE Maths', 'Additional Maths', and 'A Level Maths'. The main content area features five categories of resources, each with an icon and a brief description:

- COVID-19 Resources**: Lockdown Tips for Parents & Students (icon: rainbow)
- Resources**: Lots of resources and support for Year 2 upwards (icon: two people)
- GCSE Maths & Numeracy**: Up to date with the 2018 WJEC Specification (icon: graph)
- Level 2 Additional Maths**: Papers from 2011 to 2019 (icon: plus sign)
- A Level Maths Resources**: Up to date with the 2017 WJEC Specification (icon: atom)

Below these categories is a large banner for 'EPIC MATHS RESOURCES' featuring a person raising their fist.

Sciences Faculty

Hawarden High School



Head of faculty – Mr Anderson

Year 10

 Course	GCSE DOUBLE AWARD SCIENCE 2 GCSEs (Combined Science)				GCSE BIOLOGY, GCSE CHEMISTRY & GCSE PHYSICS 3 GCSEs (Triple Science)			
	Students study Biology, Chemistry and Physics and are awarded two GCSE grades.				Students study Biology, Chemistry and Physics in more depth and are awarded three separate GCSE grades.			
	10A3, 10B1, 10B2, 10B3, 10C1, 10C2				10A1, 10A2			
	43% of final grade (Two GCSEs) June Exams				45% of final grade (each subject) June Exams			
 Year 10 Exams Sat in Summer 2027	 Unit 1 Biology	 Unit 2 Chemistry	 Unit 3 Physics		 Unit 1 Biology	 Unit 1 Chemistry	 Unit 1 Physics	
	 Unit 4 Biology	 Unit 5 Chemistry	 Unit 6 Physics	 Unit 7 Practical (Jan – Feb)	 Unit 2 Biology	 Unit 3 Practical	 Unit 2 Chemistry	 Unit 3 Practical
	47% of final grade (Two GCSEs) May Exams			10% NEA	25% May Exam	10% Jan – Feb NEA	25% May Exam	10% Jan – Feb NEA

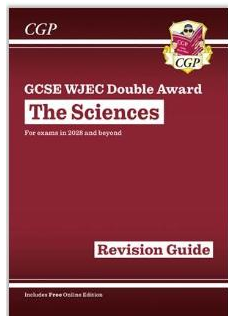
Tier of entry

Year 10

Higher Tier Grade	Foundation Tier Grade	We will recommend a tier of entry (Foundation or Higher) based on your child's performance from September to January .
A*	C	Teachers will review and discuss tier options with students throughout the year (e.g. after topic tests and mock exams).
A	D	Students can mix Foundation and Higher units to match their strengths.
B	E	Those aiming for a Grade C often perform best in Foundation tier exams.
C	F	To study A Level Science, students must take the Higher tier in that subject in Year 11.
D	G	
E	U	

How to Support Your Child in Science

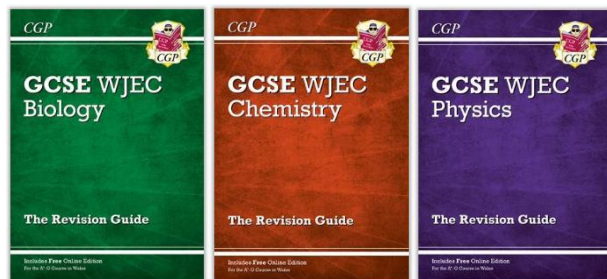
Year 10



Double Award

We will be in touch soon with details on how you can purchase a revision guide to support your child's learning at home.

Triple Award



How to Support Your Child in Science

WJEC Blended Learning lessons

https://filter.resources.wjec.co.uk/en/s/Chemistry?_gl=1*pllm80*_ga*MTY40TQxMDIwNC4xNzg4NDI1OTM5*_ga_WVT2ZYV72W*_czE3OTA...

Resource filter

If you are unable to find the resources you need, please visit [our previous resources site](#) for additional materials.

Subjects > Chemistry

 **Chemistry**

Qualification

- ☐ A Level 43
- ☒ GCSE 20

Specification item

- ☐ 1- Chemical Substances, Reactions and Essential Resources
- ☐ 2- Chemical Bonding, Application Of Chemical Reactions and Organic Chemistry

Resource Type

- ☐ Blended Learning 12

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GCSE

2.3 Metals and their extraction



Metals and their extraction

This blended learning resource contains interactive self-study content covering Metals and their extraction.

[More info](#) [Open resource](#)

Last Updated: 03/10/2025 [Acknowledgements](#)

GCSE

2.4 Chemical reactions and energy



Chemical reactions and energy

This blended learning resource contains interactive self-study content covering Chemical reactions and energy.

[More info](#) [Open resource](#)

Last Updated: 03/10/2025 [Acknowledgements](#)

GCSE

2.5 Crude oil, fuels and organic chemistry



Crude oil, fuels and organic chemistry

This blended learning resource contains interactive self-study content covering Crude oil, fuels and organic chemistry.

[More info](#) [Open resource](#)

Last Updated: 03/10/2025 [Acknowledgements](#)

GCSE

2.6 Reversible reactions, industrial processes and equilibrium



2.6 Reversible reactions, industrial processes and equilibrium

GCSE

1.1 The nature of substances, mixtures and solutions



1.1 The nature of substances, mixtures and solutions

GCSE

1.3 Water



1.3 Water

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Educake website



Start Date	End Date	Year	Class	Questions	Main Topics
06-01-2024	18-01-2024	10	EC	35	Extract 6: "War"

	Sell evaluation	Lat	Attempts	Quiz mins	All questions	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18
National averages						56	70	32	49	35	22	49	62	36	72	32	50	58	54	44	57	35	62
All students	1	1	6	48		45	75	21	57	32	25	43	54	36	57	29	57	61	50	54	61	39	64
Alison Mayet		1	7	89		✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Beyonce Knowles		1	5	86		✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓
Ray Charles		1	2	94		✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nina Simone		2	7	57		✗	✓	✗	✗	✗	✗	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓
Jim Morrison	?	1	11	31		✓	✓	✗	✓	✗	✗	✗	✓	✗	✓	?	✗	✗	✓	✗	✗	✗	✓
King Curtis	L	1	2	66		✓	✓	✗	✓	✗	✗	✗	✗	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓
Billy Bragg		3	4	54		✓	✓	✗	✓	✓	✗	✗	✓	✗	✓	✗	✓	✓	✗	✗	✗	✗	✓
Kate Bush		1	6	77		✓	✓	✗	✓	✓	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
Bernard Butler	?	1	7	54		✓	✓	✗	✓	✗	✗	✗	✓	✗	?	✗	✓	✓	✓	✓	✓	✗	✓
Richard D James		1	3	86		✗	✓	✓	✓	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Tanio Website



Home > Chemistry > Pupil



GWASANAETH DYSGU
DIGIDOL



How to Support Your Child in Science

This topic is included in [Unit 1](#) for WJEC Wales Chemistry GCSE.

Notes:

Detailed Notes

- 1.1. Chemical reactions
- 1.2. Atomic structure and the periodic table
- 1.3. Water
- 1.4. The ever-changing earth
- 1.5. Rate of chemical change
- 1.6. Limestone

Definitions

- 1.1. The Nature of Substances and Chemical Reactions
- 1.2. Atomic Structure and the Periodic Table
- 1.3. Water
- 1.4. The Ever-Changing Earth
- 1.5. Rate of Chemical Change
- 1.6. Limestone

Flashcards:

- 1.1. The Nature of Substances and Chemical Reactions
- 1.2. Atomic Structure and the Periodic Table
- 1.3. Water Flashcards
- 1.4. The Ever-Changing Earth
- 1.5. Rate of Chemical Change
- 1.6. Limestone

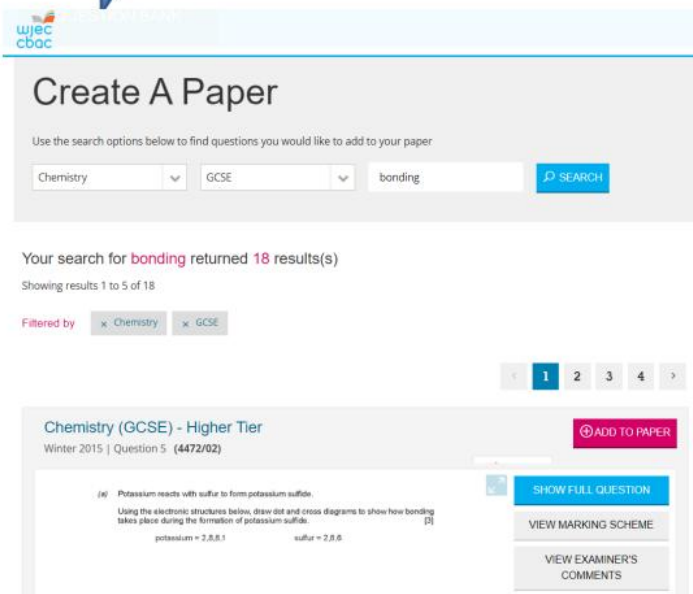
Questions by Topic:

- 1.1. The Nature of Substances and Chemical Reactions MS
- 1.1. The Nature of Substances and Chemical Reactions QP
- 1.2. Atomic Structure and the Periodic Table MS
- 1.2. Atomic Structure and the Periodic Table QP
- 1.3. Water MS
- 1.3. Water QP
- 1.4. The Ever-Changing Earth MS
- 1.4. The Ever-Changing Earth QP
- 1.5. Rate of Chemical Change MS
- 1.5. Rate of Chemical Change QP
- 1.6. Limestone MS
- 1.6. Limestone QP



How to Support Your Child in Science

WJEC question bank for
past paper questions
and mark schemes.

WJEC CBAC

Create A Paper

Use the search options below to find questions you would like to add to your paper

Chemistry GCSE bonding [SEARCH](#)

Your search for **bonding** returned 18 results(s)
Showing results 1 to 5 of 18

Filtered by [x Chemistry](#) [x GCSE](#)

1 2 3 4

Chemistry (GCSE) - Higher Tier
Winter 2015 | Question 5 (4472/02)

[ADD TO PAPER](#)

[SHOW FULL QUESTION](#)

[VIEW MARKING SCHEME](#)

[VIEW EXAMINER'S COMMENTS](#)

(4) Potassium reacts with sulfur to form potassium sulfide.
Using the electronic structures below, draw dot and cross diagrams to show how bonding takes place during the formation of potassium sulfide. [2]
potassium = 2,8,8,1 sulfur = 2,8,8

How to Support Your Child in Science

September to February

Weekly

-  **1 Catch up**
Complete any missed WJEC Blended Learning lessons to close knowledge gaps.
-  **2 Review class materials**
Revisit PowerPoints and H5P resources on the **Tanio** website.
-  **3 Boost recall**
Complete **Educake** questions weekly to strengthen key knowledge.

Tests & Mocks

-  **A Create revision materials**
Make flashcards, mind maps and concise notes for regular review.
-  **B RAG-rate each unit**
Identify the topics that need the most revision.
-  **C Practise past-paper questions**
Use the WJEC Question Bank to improve exam technique.

April - June

Weekly

-  **a Complete 1–3 past papers**
Mark and annotate them using the mark schemes to learn from mistakes and improve exam technique.
-  **b Review revision materials**
Regularly revisit your notes, mind maps and flashcards.
-  **c Target weaker areas**
Use the WJEC Question Bank for extra practice on topics you find challenging.

How to Support Your Child in Science

As we did last year, we will be sending out a **comprehensive student planner** to support your child's preparation for their exams.

Unit	Flash cards	PMT Notes	Knowledge organiser	PMT definitions	Questions by topic	WJEC Blended learning lesson	Tanio powerpoints	Past papers & mark schemes	
2.1/4.1 Classification and biodiversity	tanio.cymru - Classification	2.1 Classification and Biodiversity	Double WJEC Classification and Biodiversity	2.1 Classification and Biodiversity	2.1 Classification and Biodiversity	https://g3ap6phorvms.cloudfront.net/ec21-22-4-1-1	2.1/4.1 Classifying organisms	Double Award GCSE Science	
Unit	Flash cards	PMT Notes	Knowledge organiser	PMT definitions	Questions by topic	WJEC Blended learning lesson	Tanio powerpoints	Past papers & mark schemes	
Bonding, structure & properties	tanio.cymru	2.1 Distance, Speed and Acceleration	https://resource.download.wjec.co.uk/vr-c2018-2019/18-20-1-14-WJEC-EDUGAS/gcse-physics-with-2-1-distance-speed-and-acceleration.pdf	2.1 Distance, Speed and Acceleration	2.1 Distance, Speed and Acceleration - Question Paper	Unit 1 - distance, Speed and Acceleration .pptx	https://g3ap6phorvms.cloudfront.net/ec21-22-4-1-1	https://tanio.cymru/tanio/revise/6-1-1/index.html	https://doornet.co.uk/gcse/physics/past-papers/view-rates
2.2/4.2 Cell division in stem cells	2.1 Distance	2.1 Distance	2.1 Distance	2.1 Distance	2.1 Distance, Speed and Acceleration - Mark Scheme	https://youtu.be/V0rW8k-H8U?list=VLEUP0a5mCw8E	2.1/4.1 Classifying organisms	https://tanio.cymru/tanio/revise/6-1-1/index.html	2.1/4.1 Classifying organisms
Acids, bases & salts		My GCSE Applied Science revision planner							
2.3/4.3 Diet and inheritance	Newton's Laws	Topic Unit 1	Lessons	Snack size revision	Exam walk through	Covered in class	Still need help	Getting there	Got it!
Metals & their extraction	Work & Energy	The cell and cell respiration 1.1.1	Blended learning lesson	Knowledge organiser	Foundation tier	Higher tier			
2.4/4.4 Variation evolution	Chemical reactions and energy	Energy and life 1.1.2	Blended learning lesson	Knowledge organiser	Foundation tier	Higher tier			
2.5/4.5 Response and regulation	Stars & Planets	Modern living and energy 1.2.1	Blended learning lesson	Knowledge organiser	Foundation tier	Higher tier			
		Modern living and energy 1.2.2	Blended learning lesson	Knowledge organiser	Foundation tier	Higher tier			
	Types & Radiat	Modern living and energy 1.2.3	Blended learning lesson	Knowledge organiser	Foundation tier	Higher tier			
		Modern living and energy 1.2.4	Blended learning lesson	Knowledge organiser	Foundation tier	Higher tier			
	Half Life	Obtaining resources from our planet 1.3.1	Blended learning lesson	Knowledge organiser - 1	Foundation tier	Higher tier			
				Knowledge organiser - 2					

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Subject	Biology	Chemistry	Physics
Learning aims	https://drive.google.com/drive/folders/1qaSttEn956LpvSqrCT3I_5zWpWE2rZS?usp=sharing		
html from Tanio website	1.2.1 Respiration 1.2.2 The respiratory system, gas exchange and effects of smoking	2.4.1 The Earth 2.4.2 The Atmosphere	3.2.1 Generating Electricity 3.2.2 The National Grid
Knowledge organisers from WJEC	GCSE Biology 1.2 respiration and the respiratory system.pdf GCSE Biology 1.2 Smoking knowledge organiser.pdf	WJEC-Unit1-Alfred-Wegener-and-tectonic-plates.pdf WJEC-Unit1-Mans-effect-on-the-atmosphere-and-tests-for-gases.pdf	Unit 1.2.pdf
Blended learning lessons	Respiration and the respiratory system in humans - Blended Learning	C1.4 The Ever Changing Earth - Blended Learning	Generating Electricity - Blended Learning
PMT Notes	1.2 Respiration and the Respiratory System.pdf	1.4. The ever-changing earth.pdf	1.2. Generating Electricity.pdf
PMT Definitions	1.2 Respiration and the Respiratory System in Humans.pdf	1.4. The Ever-Changing Earth.pdf	1.2. Generating Electricity.pdf
PMT Flashcards	Flashcards - 1.2. Respiration - GCSE WJEC (Wales) Biology - PMT	Flashcards - 1.4. The Ever-Changing Earth - WJEC Wales Chemistry GCSE - PMT	Flashcards - Generating Electricity - WJEC Wales Physics GCSE - PMT
PMT Past paper questions & mark schemes	1.2 Respiration and the Respiratory System in Humans QP.pdf 1.2 Respiration and the Respiratory System in Humans MS.pdf	1.4. The Ever-Changing Earth QP.pdf 1.4. The Ever-Changing Earth MS.pdf	1.2 Generating Electricity QP.pdf 1.2 Generating Electricity MS.pdf