



Year 11 GCSE Information Evening

Aim of this evening

- Information and advice on revision
- Updated information around exams and non examined assessment in core and non core subjects.
- Core subject specific information around exams and revision support.

2026/27 School Calendar

H
Y:

2026																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Aug	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo
Sep	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th
Oct	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
Nov	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu
Dec	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th
2027																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Jan	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
Feb	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We
Mar	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We
Apr	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
May	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo
Jun	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th
Jul	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

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.

ACW Important Dates

Health and Social Care & Childcare

- Friday 11th December = NEA Task 2 Deadline
- Friday 12th March = NEA Task 1 Deadline
- Friday 28th May = Resits (Unit 1 exam)

Drama

- Unit 2: Performing from a Text 30% (Performance NEA). Examiner visit to the centre in Spring Term, date tbc
- Unit 3: Interpreting Theatre 20% (2 hr Digital Exam) Friday 14th May (PM)

Physical Education

- Final video evidence must be submitted by 9th October 2026. Video evidence is needed for off-site activities eg swimming
- Moderation March 2027, date tbc.
- Unit 1 Written Exam: Summer 2027

ACW Important Dates

Music

- Unit 1(32.5%) NEA: Deadline for recording both performances Feb 2027
- Unit 2 (32.5%) NEA: Deadline for Composition 1 November 2026 , Deadline for Composition 1 Evaluation January 2027, Deadline for Composition 2 March 2027
- Unit 3 (35%) 1 ½ hr Digital Exam Summer 2027:

ART

- Unit 1 Portfolio: (60%) NEA. Submission December 2026
- Unit 2 Externally Set Assignment (ESA)(40%) Spring Term, concluding in a 10 hour focused exam period on 23rd & 26th April 2027.

Food & Nutrition

- Unit 1: (40%) 1 ½ hr Digital Exam Summer 2027
- Unit 2: (20%) NEA submission end of March 2027
- Unit 3: (40%) Practical Exam Autumn Term 2, dates tbc

Tech and Voc Important Dates

Product Design

NEA deadline Unit 2 19/03/26

Engineering

All internal units to be completed by 16/04/26

Business

NEA deadline Unit 4 19/03/26

Business Enterprise

All internal units to be completed by 16/04/26

Digital Technology

NEA deadline Unit 2 19/03/26

CEB Important Dates

Welsh - Year 11 pupils will complete **Unit 1: Speaking and Listening** in November, followed by **Unit 2: Speaking and Listening** after Christmas. Each assessment is worth **25% of the final GCSE**.

Geography assessments:

Unit 2: Developing Fieldwork Skills is based on the geographical fieldwork pupils have undertaken and is worth **25% of the final GCSE. To be completed in October 2026**

Unit 4: Sustainable Solutions is a decision-making assessment in which pupils investigate and evaluate a sustainability issue and is worth **15%. To be completed in April 2027**. Together, these assessments account for **40% of the overall GCSE qualification**.

History assessments:

Year 11 pupils are completing the legacy WJEC GCSE History qualification

Will complete a written examinations: Unit 1 – Wales and the wider perspective (25%),

Pupils are currently working on the **Unit 4 – Non-Examination Assessment (NEA), worth 20%** of the final qualification.

Digital Technology

NEA deadline **Unit 2 19/03/26**

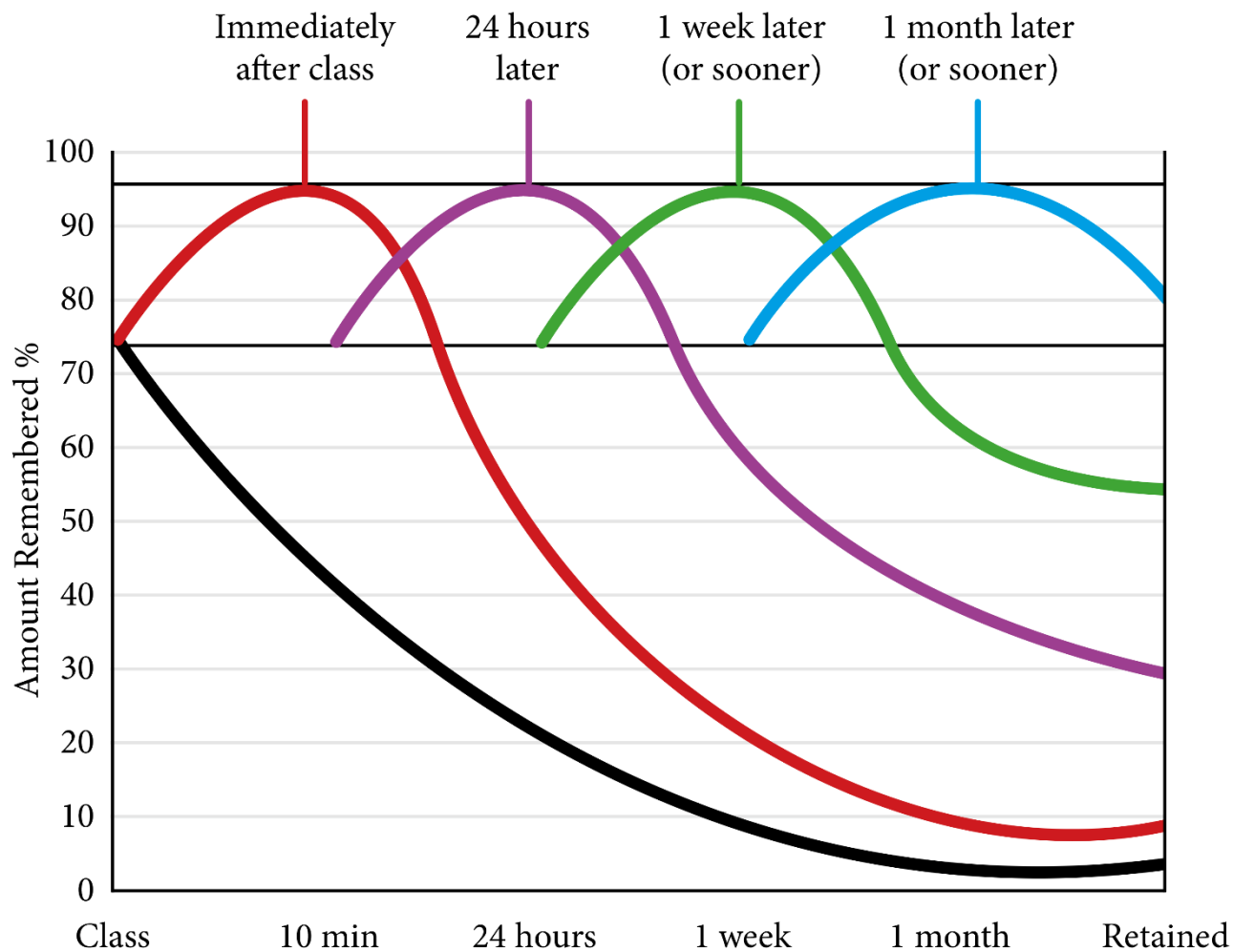
CEB Important Dates

RE

In Year 11, pupils will complete **Unit 3 – Roles, Rights and Responsibilities**, a written examination worth **30% in the summer of 2027**, and **Unit 4 – Religion and Human Rights**, an NEA worth **20% to be completed after Christmas**. Together, the two examinations account for **60%** of the GCSE and the two NEAs account for **40%**.

The Importance of Structured Revision

Overcoming The Curve



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

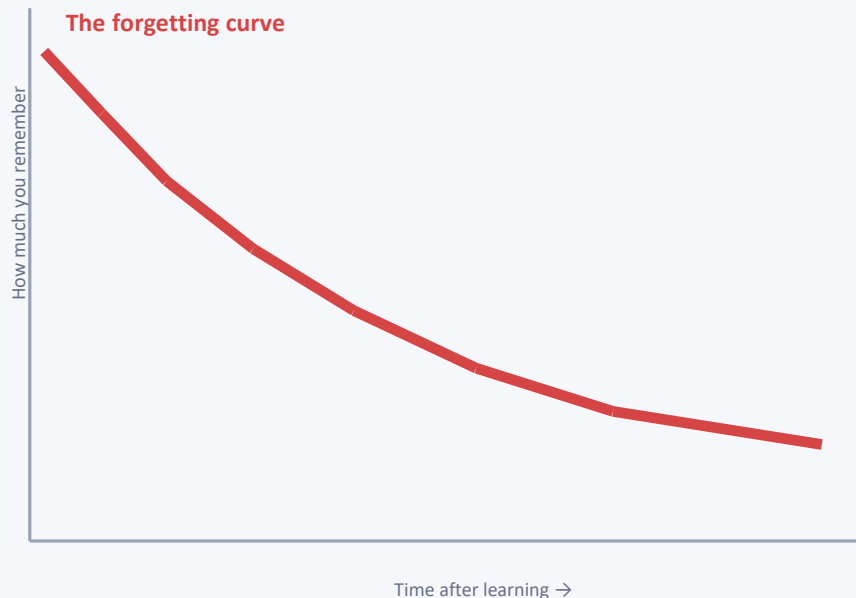
Name: _____

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.**

Your brain is designed to forget

Without revisiting learning, recall fades quickly — especially when you only read or highlight.



**One long revision session feels productive...
but much of it can disappear before the
exam.**

THE FIX

Retrieve it. Space it. Repeat it.

Revision is not about how long you look at your notes — it is about how often you successfully pull knowledge back out of your memory.

Beat the forgetting curve with spaced retrieval

Each successful recall strengthens the memory and slows down forgetting.



At every revisit: CLOSE the book first.

- | | |
|---|---|
| <p>1 Brain dump Write everything you can remember.</p> | <p>2 Test yourself Flashcards, quiz questions, past-paper questions.</p> |
| <p>3 Check + correct Use notes/mark schemes only after trying.</p> | <p>4 Revisit later Come back after a gap — not five times tonight.</p> |

A revision routine that actually works

Short, focused and repeated beats cramming. Build revision around retrieval, not rereading.

01

Pick ONE small topic

"River landforms" is better than
"Geography". Make the target specific.

02

20–30 mins: retrieve

Quiz yourself, brain dump, flashcards
or exam questions — from memory
first.

03

5 mins: fix gaps

Check answers. Correct mistakes. Turn
weak points into questions for next
time.

Then schedule the next retrieval



RULE OF THUMB: If it feels a little difficult to remember, that is often when your revision is doing useful work.

Further information

Revision support for students

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

Revision support for parents

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

Core Subject Information

GCSE English Language & Literature (2025 – 2027)

Mr D Oakey

Curriculum Leader – Communications

d.oakey@hawardenhigh.flintshire.sch.uk

GCSE English Language & Literature

Unit 1:
Context & Meaning

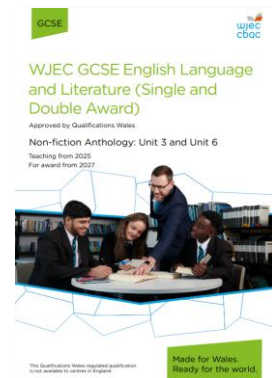
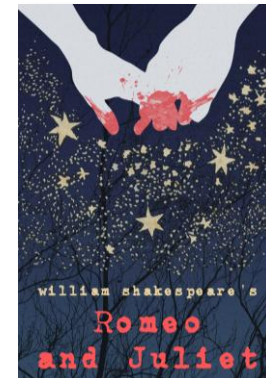
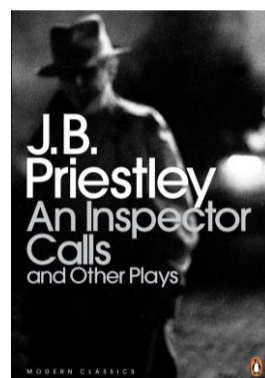
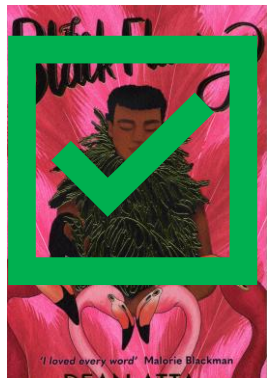
Unit 2:
Belonging

Unit 3:
Influence & Power

Unit 4:
Motivations

Unit 5:
Continuity & Change

Unit 6:
Connections



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 was the same for **all** students in Year 10
- As it stands, all students are completing the same programme of study and working towards achieving the **Double Award**
- A small cohort of students may be placed on the **Single Award** as a supportive measure - bespoke plan in conjunction with parents, managed by the class teacher



Hawari
Ysgol U

New changes likely again to GCSEs after burnout concerns



GETTY IMAGES

The new qualifications were introduced in Wales in September 2025



Success

- Nearly 70% of students achieved A*-C in the Unit 1 exam
- With some resits, we are hoping that even more students can improve their grade for this unit

WJEC's Response

- Most of the changes impact Year 10s starting in September 2026
- Changes that affect current Year 11s are more to do with the technical aspects of the qualification, such as rules around NEAs
- **TLDR: we are continuing much as planned**

Key Messages

- Unit 1 grade does **not** equal final grade – it is only 15% of the qualification
- The grade does not matter – the UMS is what counts
- NEA Grade Boundaries – these were much higher than we originally anticipated
- Missed NEAs are the biggest factor currently inhibiting attainment

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

Course Coverage

- In Year 10, most students completed 35% of the course (Unit 1, Unit 2 and Unit 3)
- In Year 11, students will complete the remaining 65% of the course (Unit 4, Unit 5 and Unit 6)

This year, students will complete two NEAs and two exams (plus any resits)

Key Dates – NEAs and Exams

Assessment	Preparation	Assessment
Unit 5 (Paired Discussion – 10%)	w.b. 9th November 2026	w.b. 16th November 2026
Unit 5 (Essay – 10%)	w.b. 25th January 2027	w.b. 1st February 2027
Unit 4 (Exam – 20%)		12 th May 2027
Unit 6 (Exam – 25%)		8th June 2027

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

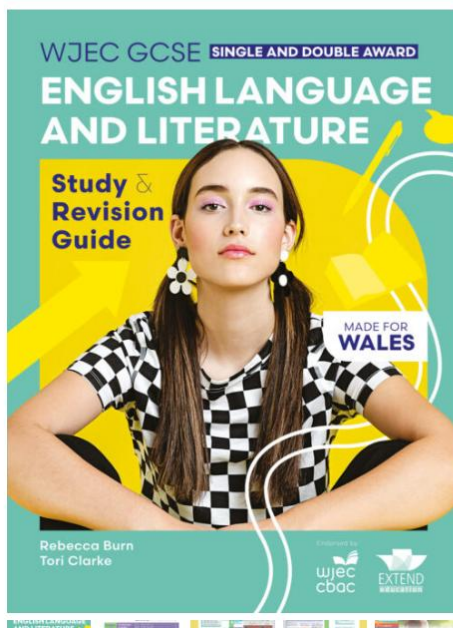
[Acknowledgements](#)

Resources



Home Our Resources ▾ Sto

 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

-

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+

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
7. Supporting **attendance** and having an awareness of missing assessments

Year 11 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 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.

- Most pupils have sat Unit 1
- Some have chosen to resit this exam
- Others are happy with their grade and will not be resitting

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 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.

- All pupils have been entered for this exam in November
- More predictable
- Should be easier for pupils to navigate
- Calculator allowed

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 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.

- All pupils will be entered for this unit in the summer
- More predictable
- Should be easier for pupils to navigate
- Non-calculator

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.

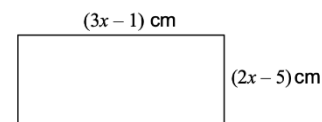


Diagram not drawn to scale

- (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]

.....

.....

.....

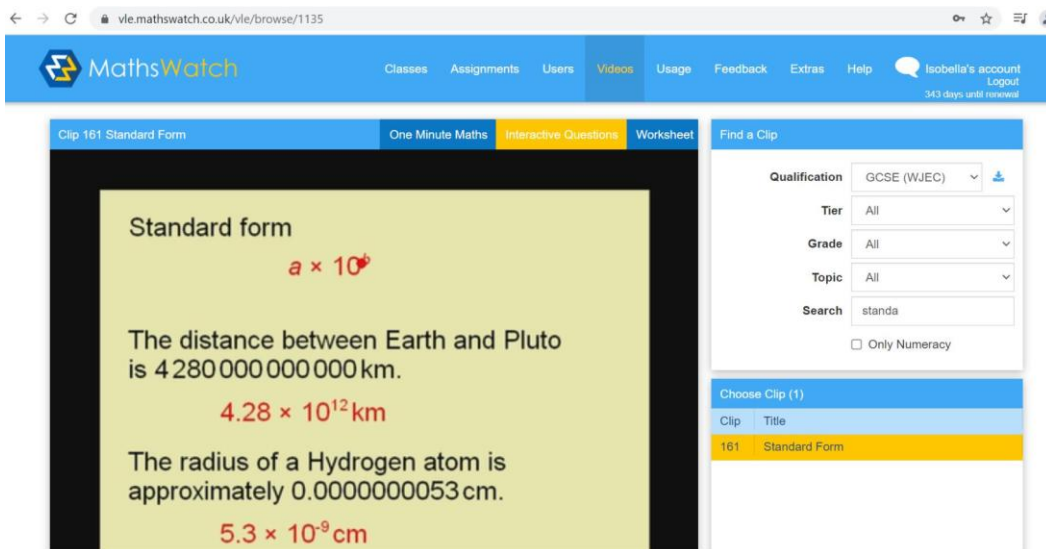
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GCSE Mathematics and Numeracy

Current Plan for Entry

Year	Unit	Percentage of Qualification	Calculator	Dates for Exam
11	1	30	Yes	RESIT ONLY 3 rd November 2026
11	3	40	Yes	11 th November 2026
11	2	30	No	Summer 2027

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 for 'Find a Clip' with the following settings:

- Qualification: GCSE (WJEC)
- Tier: All
- Grade: All
- Topic: All
- Search: standa
- ☐ Only Numeracy

Below the filters, a table lists available clips:

Clip	Title
161	Standard Form

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

Login example:
20DRiffin@hawarden

Login password:
20DRiffin@hawarden

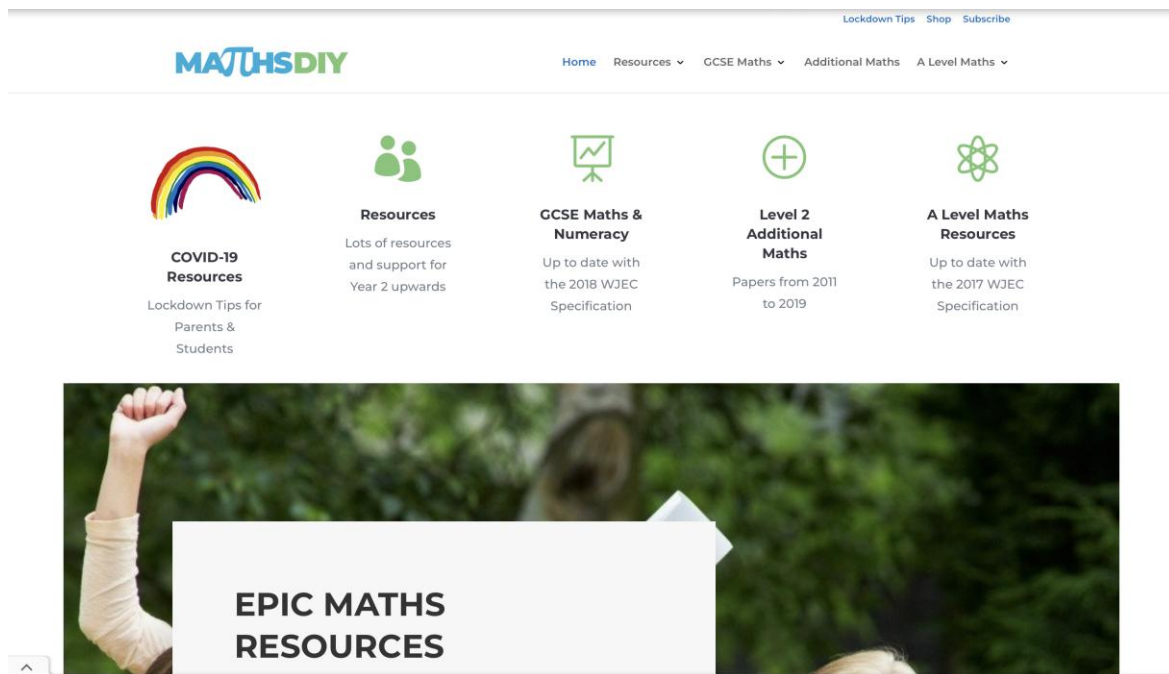
IF NONE OF THESE WORK

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 menu with 'Home', 'Resources', 'GCSE Maths', 'Additional Maths', and 'A Level Maths'. The main content area features five categories: 'COVID-19 Resources' (with a rainbow icon), 'Resources' (with a group of people icon), 'GCSE Maths & Numeracy' (with a graph icon), 'Level 2 Additional Maths' (with a plus icon), and 'A Level Maths Resources' (with an atom icon). Each category has a brief description of the resources available. At the bottom, there is a large banner for 'EPIC MATHS RESOURCES' with a background image of a person raising their fist.

Lockdown Tips Shop Subscribe

MATHSDIY

Home Resources GCSE Maths Additional Maths A Level Maths


COVID-19 Resources
Lockdown Tips for Parents & Students


Resources
Lots of resources and support for Year 2 upwards


GCSE Maths & Numeracy
Up to date with the 2018 WJEC Specification

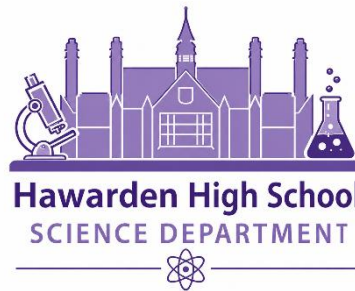

Level 2 Additional Maths
Papers from 2011 to 2019


A Level Maths Resources
Up to date with the 2017 WJEC Specification

EPIC MATHS RESOURCES

Sciences Faculty

Hawarden High School



Head of faculty – Mr Anderson

Qualifications in Science – **Completed already**

Summer 2026

	Triple award GCSE Biology, GCSE Chemistry, GCSE Physics			GCSE Double award science			GCSE Double award Applied science	
Classes	11A1, 11A2			11B1, 11B2, 11B3, 11B4			11C1, 11C2	
Exams sat in 2025	Unit 1 Bio	Unit 1 Chem	Unit 1 Phys	Unit 1 Bio	Unit 2 Chem	Unit 3 Phys	Unit 1	Unit 2
Percentage completed	45%	45%	45%	45%			45%	

Qualifications in Science – **Still to complete**

Summer 2026

	Triple award GCSE Biology, GCSE Chemistry, GCSE Physics			GCSE Double award science			GCSE Double award Applied science
Classes	11A1, 11A2			11B1, 11B2, 11B3, 11B4			11C1, 11C2
Summer Exams 2026	Unit 2 Bio	Unit 2 Chem	Unit 2 Phys	Unit 4 Bio	Unit 5 Chem	Unit 6 Phys	Unit 3
Percentage completed	45%	45%	45%	45%			25%

Qualifications in Science – NEA

	Triple award GCSE Biology, GCSE Chemistry, GCSE Physics			GCSE Double award science	GCSE Double award Applied science	
Classes	11A1, 11A2, 11A3			11B1, 11B2, 11B3, 11B4	11C1, 11C2	
Practical Exam	Unit 3 Bio	Unit 3 Chem	Unit 3 Phys	Unit 7	Unit 4 – Task	Unit 5 - Practical
When	January – February			January – February	Nov – Dec	Jan – Feb
%	3 x Exams			2 x Exams	1 x 6hr Exam	2 x Exams

Tier of entry

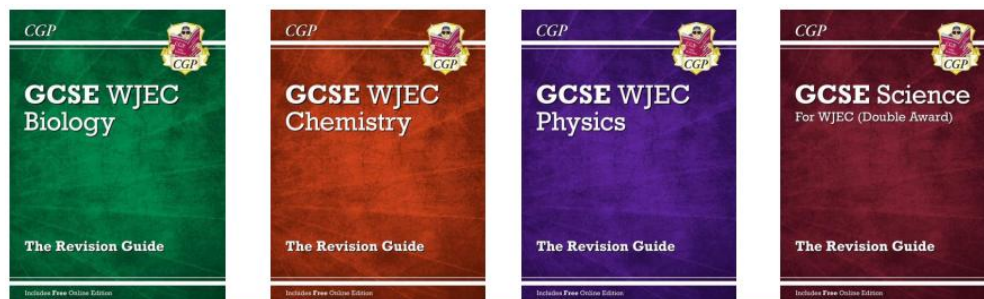
Year 11

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

Tiers of entry are independent to tiers sat in year 10.

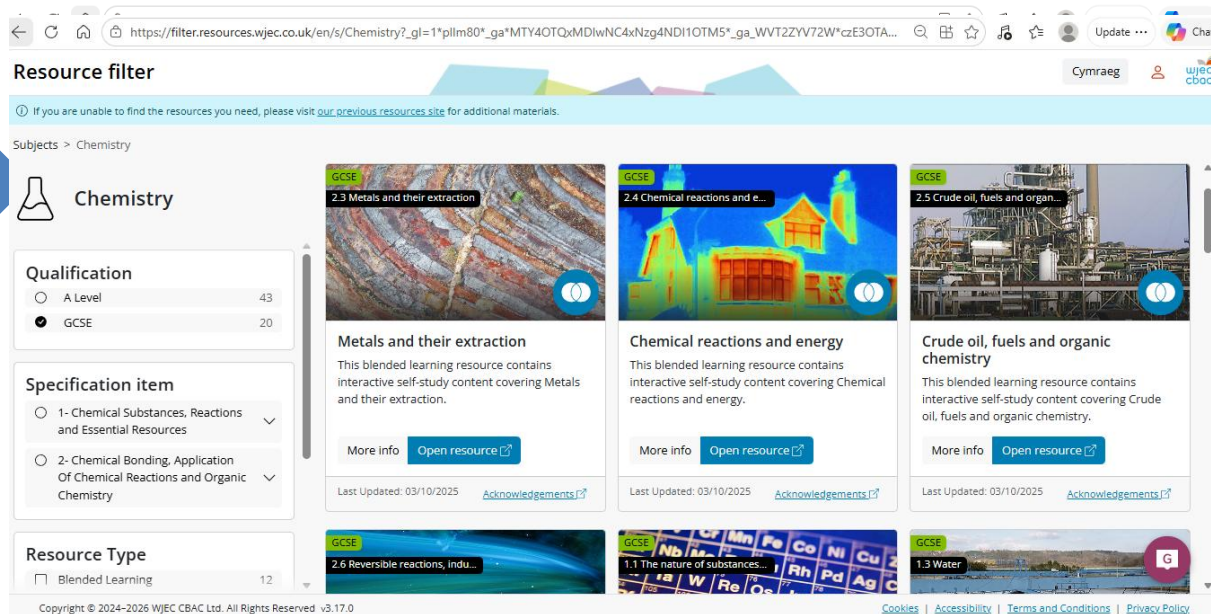
How can I support my child best?

The revision guides purchased last year also cover year 11.



How to Support Your Child in Science

WJEC Blended
Learning lessons



The screenshot shows the WJEC Resource filter website. The browser address bar displays a URL: https://filter.resources.wjec.co.uk/en/s/Chemistry?_gl=1*pllm80*_ga*MTY4OTQxMDIwNC4xNzg4NDI1OTM5*_ga_WVT2ZYV72W*_czE3OTA.... The page title is "Resource filter". A message states: "If you are unable to find the resources you need, please visit our [previous resources site](#) for additional materials." The subject filter is set to "Chemistry". The qualification filter shows "GCSE" selected with 20 resources, and "A Level" with 43 resources. The specification item filter shows "1- Chemical Substances, Reactions and Essential Resources" and "2- Chemical Bonding, Application Of Chemical Reactions and Organic Chemistry" selected. The resource type filter shows "Blended Learning" selected with 12 resources. The main content area displays three resource cards: "2.3 Metals and their extraction", "2.4 Chemical reactions and energy", and "2.5 Crude oil, fuels and organic chemistry". Each card includes a description, a "More info" button, and an "Open resource" button. The footer contains copyright information: "Copyright © 2024–2026 WJEC CBAC Ltd. All Rights Reserved v3.17.0" and links to "Cookies", "Accessibility", "Terms and Conditions", and "Privacy Policy".

How to Support Your Child in Science

WJEC knowledge organisers



Energy

When a force acts on a body **work** is done. Work is a measure of the **energy** transferred. It is always measured in Joules (J).

Work is calculated using this equation:

$$\text{Work} = \text{force} \times \text{distance moved}$$

When work is done, the **total energy in the system must remain the same**. The total energy at the start must equal the total energy at the end of the action. However, the energy may have changed from one kind to another.

For example:
 1. A skier with 12 000 J of **gravitational potential energy** at the top of a slope (A) will have 12 000 J of **kinetic energy** at the bottom of the slope (B). Gravity will have done 12 000 J of work to transfer the potential energy to kinetic energy.

2. A stretched slingshot stores 23 J of **elastic potential energy**; when released the force of the rubber changing shape does work on the ball and transfers 23 J of **kinetic energy** to the ball.

When calculating energy, the following equations are used:

$$\text{kinetic energy} = \frac{\text{mass} \times \text{velocity}^2}{2}$$

$$\text{gravitational potential energy} = \text{mass} \times \text{gravitational field strength} \times \text{change in height}$$

$$\text{Energy stored in a spring} = \text{the area under the force extension graph}$$

This is easier to calculate for a linear graph using, $W = \frac{1}{2}Fx$ where F is the force and x is the extension.

Putting a **force** on a spring will cause it to stretch. The amount it will stretch, the **extension**, for a given force depends on the spring itself. Each spring will have a different **spring constant** which will determine how much force is required to stretch a spring.

Using this equation, you can calculate the spring constant:

$$\text{force} = \text{spring constant} \times \text{extension}$$

In most cases the transfer of energy is not efficient. **Some energy is lost due to the work done by friction**. The skier in example 1 above will likely only have 8000 J by the bottom of the slope (B). This means that frictional forces will have done 40 000 J of work on the skier as they travelled down the slope.

Remember the **total energy in the system must stay the same**; if there is less energy at the end than at the start, some must have been lost as heat.

Car efficiency
 The efficiency of cars is an important area of development. **Cars are being made more efficient in order to reduce greenhouse gases and waste less energy.**

They do this by reducing losses in the car, for example:

- **Start stop systems** to reduce waste whilst stationary
- **Lighter materials** to reduce the mass of the car
- More **streamlined** shapes to reduce the work done by frictional forces on the car
- Ensuring **correctly inflated tyres** to reduce the work done by frictional forces (often done by using a sensor to alert the driver if the tyres are not correctly inflated).

Car Safety Features
 Modern cars have built in features to reduce the forces acting on passengers in a collision. These include **air bags** and **crumple zones**. These features both change shape during a collision, this allows the **work** to reduce the **kinetic energy** of the passengers to be done over a longer distance.

The longer the distance the work is done over, the smaller the force on the passengers will be.



How to Support Your Child in Science

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		✗	✓	✓	✓	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

How to Support Your Child in Science

Tanio
Website



Home > Chemistry > Pupil



- Unit 2: (Double Award) Year 10
- Unit 5: (Double Award) Year 11
- Unit 7: Practical Skills
- Knowledge Organisers
- Past Exam Papers



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

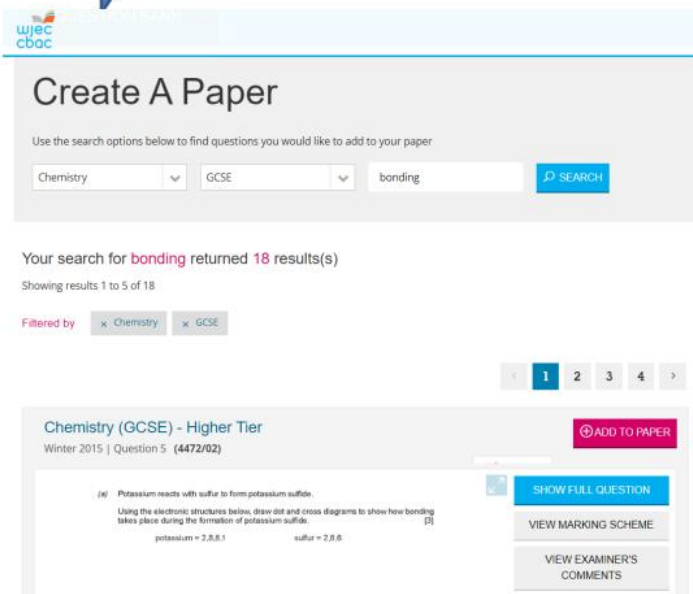
Questions by Topic:

- 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.

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 [Chemistry](#) [GCSE](#)

1 2 3 4

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

[ADD TO PAPER](#)

[SHOW FULL QUESTION](#)

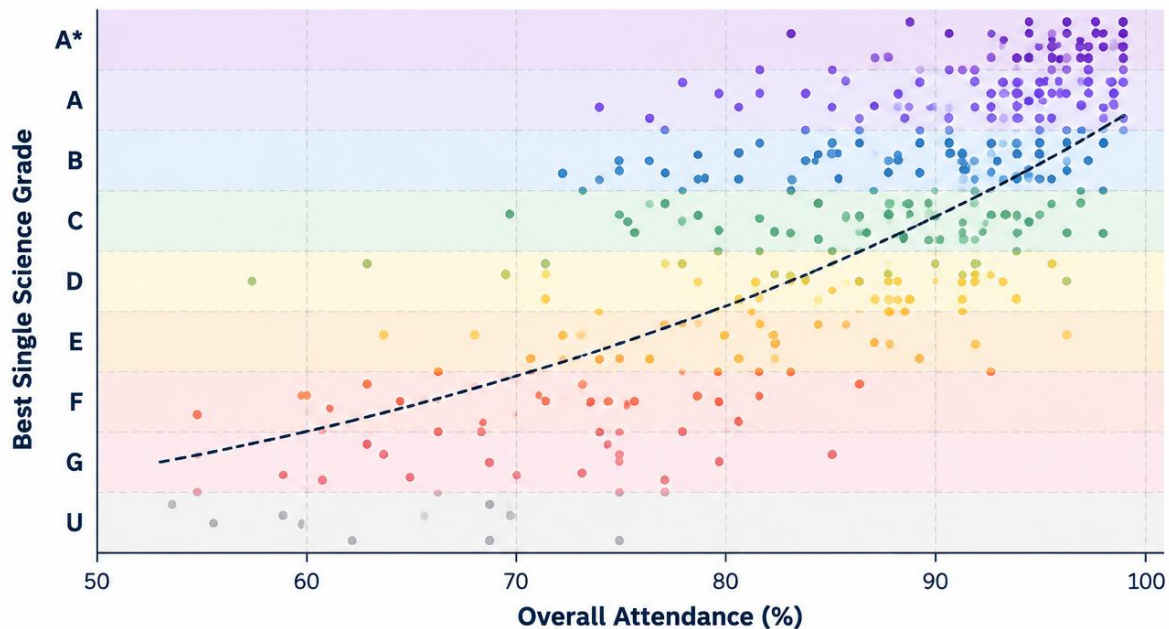
[VIEW MARKING SCHEME](#)

[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

Year 11 Science: Attendance vs Best Single Grade

Each point represents one student (n = 189)



Higher attendance is associated with higher grades.

Students with attendance above 90% are much more likely to achieve grades B and above, while lower attendance is more common among grades E to U.

Y11

2026

As attendance increases, grades tend to increase.

~75%

of students with 95–100% attendance achieved grades A*–B

~50%

of students with 90–94% attendance achieved grades A*–B

~20%

of students with 80–89% attendance achieved grades A*–B

<10%

of students with below 80% attendance achieved grades A*–B

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.

Discuss possible resits – if not already considered, identify opportunities to improve overall performance through resitting units.

Last year, 60% of students who resat improved their score, with some making significant gains.

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://d3kpfghrvmbs.cloudfront.net/e21-22_1-14	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	Unit	PMT Notes	Knowledge organiser	PMT definitions	Questions by topic	HHS Revision PowerPoint and YouTube Video	WJEC Blended learning lesson	Tanio powerpoints	Past papers & mark schemes	
2.2/4.2 Covalent bonding in atoms and molecules	Tanio cymru	2.1. Distance, Speed and Acceleration	https://resource.downloads.wjec.co.uk/vr/s/2019-20/KO18-20_1-14/WJEC-EDUQA5/gcse-physics-unit-2-4-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://d3kpfghrvmbs.cloudfront.net/e21-22_1-13	https://tanio.cymru/html/Wjec/en/6.1.1/index.html	https://goopenm1.s1.github.io/pastpapers_vieww.html	
2.3/4.3 Diffusion and osmosis	2.1. Distance				2.1. Distance, Speed and Acceleration - Mark Scheme	https://youtu.be/VWmW8k18U?list=NLZFOsdcWVR		https://tanio.cymru/html/Wjec/en/6.1.2/		
Acids, bases & salts										
2.3/4.3 Diffusion and osmosis	Newton's Laws									
2.4/4.4 Variation in evolution	Metals & their extraction	Work & Energy	Topic Unit 1	Lessons	Snack size revision	Exam walk through	Covered in class	Still need help	Getting there	Got it!
			The cell and cell respiration 1.1.1	Blended learning lesson	Knowledge organiser	Foundation tier	Higher tier			
			Energy and life 1.1.2	Blended learning lesson	Knowledge organiser	Foundation tier	Higher tier			
			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			
			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			
			Obtaining resources from our planet 1.3.1	Blended learning lesson	Knowledge organiser - 1	Foundation tier	Higher tier			
					Knowledge organiser - 2					