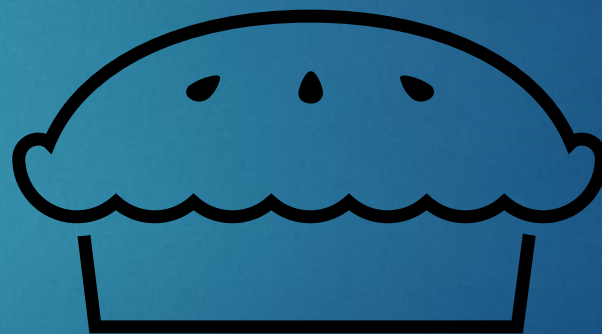




PIE Night 2026





A journey of rapid improvement

2023

Bury CofE High School told to improve by Ofsted inspectors

21st November 2023 Education Bury



Bury CE High School has been told to improve by Ofsted.

2026

Ofsted: Bury high school praised for personal development

28th June Ofsted Ofsted Rating Education Bury



Bury CE High School pupils celebrate amazing GCSE results

20th August Education Bury



By Ruby Watson
Reporter

Share <

0 comments

Students at Bury Church of England High School are celebrating another year of outstanding GCSE results.



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UK DIGITAL
EXCELLENCE
AWARDS
2023 WINNER

Standard
SIS Agency
of the Year

LC



Outstanding 2026 outcomes

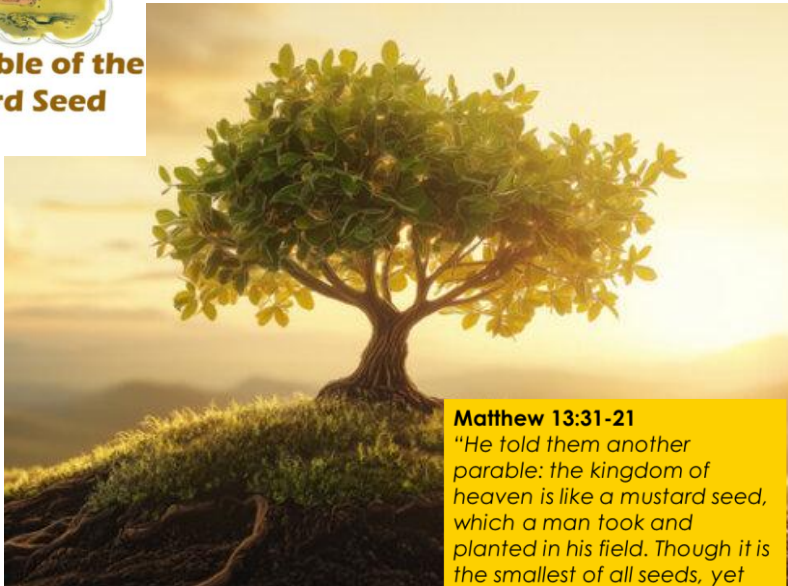
- ▶ *English - 38% achieve a grade 7+*
- ▶ *English - 76% achieved a grade 5+*
- ▶ *English - 86% achieve a grade 4+*
- ▶ *Maths – 4+ 80%, 5+ 62%, 7+ 18%*
- ▶ *Physics – 24% achieved a grade 9*
- ▶ *French – 29% achieved 7+*
- ▶ *Art – 41% received at 7+*



You helped us achieve this...



The Parable of the Mustard Seed



Matthew 13:31-32

"He told them another parable: the kingdom of heaven is like a mustard seed, which a man took and planted in his field. Though it is the smallest of all seeds, yet when it grows, it is the largest of garden plants and becomes a tree, so that the birds come and perch in its branches."

- ▶ Best GCSE outcomes in Bury
- ▶ Brilliant Ofsted report
- ▶ Great SIAMS report
- ▶ Strong personal development
- ▶ Significantly above national average reading ages in all year groups

Small but Mighty

From small beginnings come great things

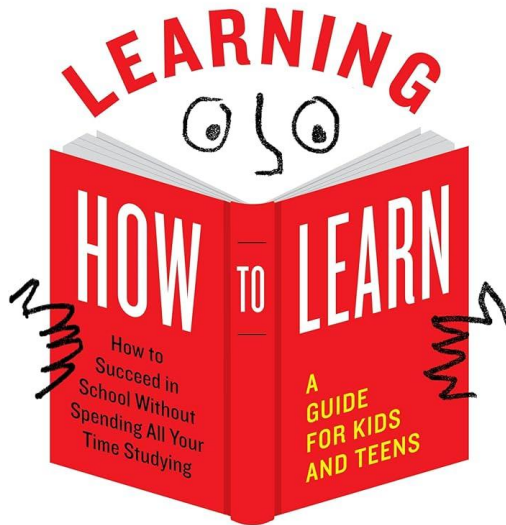
Rooted in Zechariah 4:10





How to revise

From the bestselling author of *A Mind for Numbers* and the creators of the popular online course Learning How to Learn



BARBARA OAKLEY, PhD, AND
TERRENCE SEJNOWSKI, PhD,
WITH ALISTAIR McCONVILLE

Two ways of thinking:

- ▶ Focused mode – pay attention. When learning something new you need to be in focused mode.
- ▶ Diffuse mode – your brain is relaxed and free. Processes the information in the background.



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Procrastination is the enemy of high-quality learning.

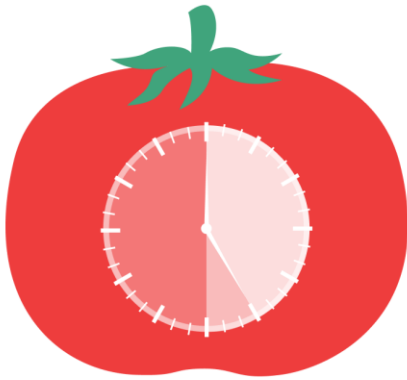
- ▶ Your brain actually feels pain when you keep putting something off so you need to get on with it.
- ▶ 25 minutes work with no distractions followed by a 5 minute break and a reward – favourite song, chocolate. This is diffuse mode.
- ▶ Let your brain feel the reward to retrain it.





Pomodoro

Pomodoro Technique



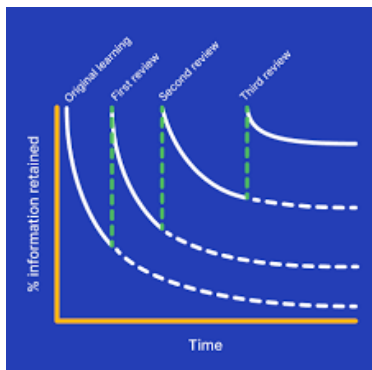
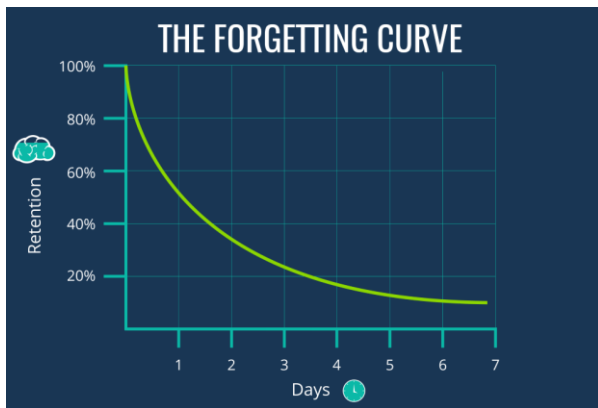
25 min working
5 min resting

- ▶ Shut off all distractions.
- ▶ Set the timer for 25 minutes.
- ▶ Focus on the task.
- ▶ Reward yourself after 25 minutes.





Active recall and spaced retrieval



- ▶ You have to pull information from your brain.
- ▶ Don't just read notes and fool yourself into thinking you know it.
- ▶ Space your learning out to give diffuse mode a chance to work in the background.
- ▶ Work on the things you don't know.





Bury Church of England



*Thank you – Let's together
make next year another
record-breaking year!*



GCSE Maths - Edexcel

Exams at the End of Year 11

- 3 written exam papers
- Each paper is 1 hour 30 minutes

Calculator Use

- Paper 1: Non-calculator
- Paper 2 & 3: Calculator allowed

Marks & Grading

- 240 marks total
- Grades awarded from 1–9

Two Exam Tiers

Foundation Tier

- Grades 1–5
- Focus on essential skills and practical maths

Higher Tier

- Grades 4–9
- Includes more challenging algebra and problem solving

(Grade 4 = standard pass)





How can you help?

- **Encourage/enforce regular active practice and homework.**
 - Homework is set every Monday on Sparx and is expected to be completed for the following Monday.
 - Ban the use of AI during homework.
 - Ensure any past papers that are sent home are completed and brought back in for marking on time.
- **Support with revision routines.**
 - Ask them to walk you through how they solved a particular problem.
 - Encourage them to keep an “Error Log”, a notebook dedicated to what mistakes have been made and how to fix them.
- **Ensure that your child has all of the correct equipment.**
 - A scientific calculator. (And make sure they know how to use it).
 - A ruler, protractor and a pair of compasses.
- **Communicate with teachers if any concerns arise.**





Foundation Tier – Mock Revision

Paper 1

Topic	Corbett Maths
Multiplying Decimals	94
Stem & Leaf Diagrams	169
Probability Tables	245
Quadratic Graphs	264
Standard Form	300
Vectors	353a
Proportion (Recipes)	256
Angles in a triangle	37
Estimation	215
Fractions of an amount	137

Paper 2

Topic	Corbett Maths
Trigonometry	330/331
Density	384
Area of a circle	40
Sharing into a ratio	270
Prime Factorisation	223
HCF and LCM	224
Inequalities	177
Drawing Pie Charts	163
Two-Way Tables	319
Speed	299

Paper 3

Topic	Corbett Maths
Area of a Trapezium	48
Error Intervals	377
Indices	174
Using a calculator	352
Averages from a table	54
Percentage of amounts	235
Bearings	26
Frequency Trees	376
Frequency Polygons	155
Simultaneous Equations	295

[Corbettmaths – Videos, worksheets, 5-a-day and much more](#)



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Higher – Mock Revision

Paper 1	
Topic	1 st Class Maths
Recurring Decimals to Fractions	7+
Proportion	7+
Histograms	7+
Tree Diagrams	5+
Rationalising Surds	8+
Composite Functions	7+
Negative Enlargements	6+
Similar Triangles	5+
Quadratic Graphs	5+
Angles in polygons	5+

Paper 2	
Topic	1 st Class Maths
Sine & Cosine Rules	7+
3D Trigonometry	7+
Inequality Regions	6+
Expanding Triple Brackets	6+
Box Plots	6+
Indices	6+
Iteration	7+
Prime Factorisation	4+
HCF and LCM	4+
Finding the Mean	5+

Paper 3	
Topic	1 st Class Maths
Simultaneous Equations (Harder)	8+
Circle Theorems	7+
Upper and Lower Bounds	7+
Venn Diagrams	5+
Solving Algebraic Fractions	8+
Area of a triangle (Trig)	7+
Volume	5+
Error Intervals	5+
Standard Form	5+
Frequency Polygons	3+

GCSE (Edexcel) Revision | 1st Class Maths



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1st Class Maths

GCSE Revision
(Edexcel)

Topic	Video Explanation	Exam Questions	Solutions	Grade
Area of a Triangle (Using Trig)				7+
Calculating with Surds				7+
Circle Theorems				7+
Completing the Square				7+
Composite Functions				7+
Conditional Probability				7+
Cosine Rule				7+
Drawing Histograms				7+



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Corbett Maths

Worksheets

[Click here for answers](#)

Area: rectangle [Video 45](#) [Practice Questions](#) [Textbook Exercise](#)

Area: sector [Video 46](#) [Practice Questions](#) [Textbook Exercise](#)

Area: semi-circle [Video 47](#) [Practice Questions](#) [Textbook Exercise](#)

Area: quarter-circle [Video 47a](#) [Practice Questions](#)

Area: trapezium [Video 48](#) [Practice Questions](#) [Textbook Exercise](#)

Area: triangle [Video 49](#) [Practice Questions](#) [Textbook Exercise](#)





Corbett Maths

5-a-day

5-a-day GCSE 9-1

14th September [Numeracy](#) [Foundation](#) [Foundation Plus](#) [Higher](#) [Higher Plus](#)

15th September [Numeracy](#) [Foundation](#) [Foundation Plus](#) [Higher](#) [Higher Plus](#)

16th September [Numeracy](#) [Foundation](#) [Foundation Plus](#) [Higher](#) [Higher Plus](#)

17th September [Numeracy](#) [Foundation](#) [Foundation Plus](#) [Higher](#) [Higher Plus](#)

18th September [Numeracy](#) [Foundation](#) [Foundation Plus](#) [Higher](#) [Higher Plus](#)



Bury CE High School

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English Language and Literature



**THE BISHOP
FRASER TRUST**
A CHURCH OF ENGLAND MULTI ACADEMY TRUST

Language

Paper 1:

- Responding to fiction
- Writing a narrative or description

Paper 2:

- Responding to non-fiction
- Writing to argue

Equal weighting in both papers

1hr 45 minutes

50% reading skills

50% writing skills



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What do grade 4s and 5s look like in Language?

Grade boundaries change

Just under half marks on both papers usually achieves a 4 (39)

Usually, 42 marks on each paper achieves a 5

**If they can secure a 4,
they can work hard
enough to achieve a 5**



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Best place to gain marks

Paper 1 Question 5

Asked to write a response that will take 45 minutes

This is worth 25% of the final language grade and is worth 40 marks.

24 marks are for the content of and 16 are for how accurately they write.

A choice of question:

Either description or story.

Section B: Writing

You are advised to spend about 45 minutes on this section.

Write in full sentences.

You are reminded of the need to plan your answer.

You should leave enough time to check your work at the end.

Q5. You are going to enter a creative writing competition.

Your entry will be judged by a panel of people of your own age.

Either: Write a description suggested by this picture:



Or: Write a story opening in which a dramatic event occurs.

(24 marks for content and organisation
16 marks for technical accuracy)
[40 marks]

Best place to gain marks

Paper 2 Question 5

Section B: Writing

You are advised to spend about 45 minutes on this section.

Write in full sentences.

You are reminded of the need to plan your answer.

You should leave enough time to check your work at the end.

0 5

'Cars are convenient, comfortable and save time. However, we need to use them less by making public transport such as trains, trams and buses cheaper, more reliable and easier to access.'

Write a speech to be given at a meeting of your local council in which you argue your point of view on this statement.

(24 marks for content and organisation
16 marks for technical accuracy)
[40 marks]

You are advised to plan your answer to Question 5 before you start to write.



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How they can revise and how you can help

- ✓ Pick a picture and practice planning questions – 5-minute timer
- ✓ Using the format that is tried and tested – zoom out, zoom in, zoom out
- ✓ Practising proof reading
- ✓ Learning similes and metaphors that can be widely applied
- ✓ Practise using different sentence types
- ✓ Read for pleasure



How they can revise and how you can help

- ✓ Argue
- ✓ Statistic on the spot
- ✓ Quiz them on their plan
- ✓ Practise questions

1. Should social media platforms have stricter age restrictions?
2. Should schools enforce gender-neutral uniforms?
3. Is homeschooling better than traditional schooling?
4. Should celebrities be considered role models?
5. Is it ever acceptable to break the law?
6. Should we have the right to erase our digital history?



Literature Paper 1

Macbeth [30 marks +4]

A Christmas Carol [30 marks]

60/160 = grade 4

75/160 = grade 5

Literature Paper 2

An Inspector Calls [30 marks +4]

Poetry comparison [30 marks]

Unseen poetry [24 marks +8]

Creating revision cards

Quote clearly displayed
in the middle of one side
of the card.

'I wear the chains I forged in
life'

Jacob Marley
Stave 1

Who said it and when

Creating revision cards

- Marley takes responsibility for his actions
- Chains are metaphor for sins
- Repetition of 'I' shows this acceptance
- Links to the theme of redemption
- Links to the theme of supernatural

4-5 ideas about the quote bullet pointed in your own words

These should be on the opposite side to ensure you can test yourself/ someone can prompt/ test you

How do I revise?

What can you remember?

Read through

Turn it over and see
what you can
remember

Look back and see
what you forgot

Then ask someone to
test you

Revision resources

- Core and expert knowledge in exercise books
- Youtube – Mr Salez Mr Everything English
- Tiktok
- PMT
- Save My Exams



ACT Revision Strategy



A

Activate

Activate – Test yourself on the topic using the core knowledge questions then self-assess your answers.

- Which questions did you struggle with?
- Which topic do you need to revisit using revision resources?

C

Condense

Condense – Write concise notes on the topic you struggles with using revision resources. Make sure you restyle the information into bullet points, diagrams, flow charts or mind maps. Don't just copy.

T

Test

Test – Use the core knowledge questions again to check you have filled your gaps in knowledge.

AQA Science topics – Final exams

Biology

Paper 1 topics

- B1 Cell Biology
- B2 Organisation
- B3 Infection and response
- B4 Bioenergetics

Paper 2 topics

- B5 Homeostasis and response
- B6 Inheritance, variation and evolution
- B7 Ecology

Chemistry

Paper 1 topics

- C1 Atomic structure and the periodic table
- C2 Bonding, structure, and the properties of matter
- C3 Quantitative Chemistry
- C4 Chemical changes
- C5 Energy changes

Paper 2 topics

- C6 The rate and extent of chemical change
- C7 Organic chemistry
- C8 Chemical analysis
- C9 Chemistry and the atmosphere
- C10 Using resources

Physics

Paper 1 topics

- P1 Energy
- P2 Electricity
- P3 Particle model of matter
- P4 Atomic structure

Paper 2 topics

- P5 Forces
- P6 Waves
- P7 Magnetism and electromagnetism
- P8 Space physics (triple)

Science topics– November Mock



Biology

Paper 1 topics

- B1 Cell Biology
- B2 Organisation
- B3 Infection and response
- B4 Bioenergetics

Chemistry

Paper 1 topics

- C1 Atomic structure and the periodic table
- C2 Bonding, structure, and the properties of matter
- C3 Quantitative Chemistry
- C4 Chemical changes
- C5 Energy changes

Physics

Paper 1 topics

- P1 Energy
- P2 Electricity
- P3 Particle model of matter
- P4 Atomic structure

Core knowledge questions

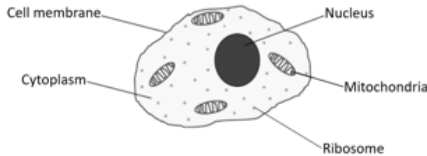
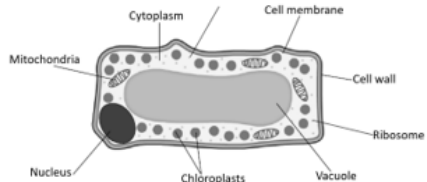


Science at Bury Church of England High School



Unit: B1 Cell Biology

Core Knowledge to remember, so you can think like a Scientist:

Question/subtopic/skill	Description....												
Know examples of prokaryotic and eukaryotic cells	Prokaryotic – bacteria Eukaryotic – plant and animal cells												
Label an animal cell and a plant cell	Animal cell  Plant cell 												
Know the function of each subcellular structure in animal and plant cells.	<table border="1"> <thead> <tr> <th>Subcellular structure</th><th>Function</th></tr> </thead> <tbody> <tr> <td>Nucleus</td><td>Controls the cells activities and stores DNA</td></tr> <tr> <td>Cytoplasm</td><td>Where chemical reactions happen</td></tr> <tr> <td>Ribosomes</td><td>Make protein</td></tr> <tr> <td>Mitochondria</td><td>Where aerobic respiration happens</td></tr> <tr> <td>Cell membrane</td><td>Controls which substances move in and out of the cell</td></tr> </tbody> </table>	Subcellular structure	Function	Nucleus	Controls the cells activities and stores DNA	Cytoplasm	Where chemical reactions happen	Ribosomes	Make protein	Mitochondria	Where aerobic respiration happens	Cell membrane	Controls which substances move in and out of the cell
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Mitochondria	Where aerobic respiration happens												
Cell membrane	Controls which substances move in and out of the cell												

Sparx Science



Homework



Independent Learning

Independent Learning

Previous tasks

Personal practice

Let Sparx choose practice questions for you, based on what you've done in your homework.

Start new >



My Flashcards

Practice key facts based on your homeworks

Practice Flashcards >

Confident Mastered

0

0

Choose a topic

Search topics:



Level:

Level 2 (Default) v

Curriculum:

AQA GCSE v

v  Biology

v  Chemistry

v  Physics

v  Skills

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GCSE Biology Paper 1



**AQA GCSE Biology Paper 1
Cell Biology**
Freesciencelessons ✓ • Playlist
[View full playlist](#)



**AQA GCSE Biology Paper 1
Organisation**
Freesciencelessons ✓ • Playlist
[View full playlist](#)



**AQA GCSE Biology Paper 1
Infectious Diseases**
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**AQA GCSE Biology Paper 1
Bioenergetics**
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[View full playlist](#)



**AQA GCSE Biology Paper 1
Required Practicals**
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GCSE Chemistry Paper 1



**AQA GCSE Chemistry Paper 1
Atomic Structure and the ...**
Freesciencelessons ✓ • Playlist
[View full playlist](#)



**AQA GCSE Chemistry Paper 1
Chemical Reactions**
Freesciencelessons ✓ • Playlist
[View full playlist](#)



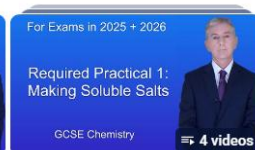
**AQA GCSE Chemistry Paper 1
Energy Changes**
Freesciencelessons ✓ • Playlist
[View full playlist](#)



**AQA GCSE Chemistry Paper 1
Quantitative Chemistry**
Freesciencelessons ✓ • Playlist
[View full playlist](#)



**AQA GCSE Chemistry Paper 1
Structure and Bonding**
Freesciencelessons ✓ • Playlist
[View full playlist](#)



**AQA GCSE Chemistry Paper 1
Required Practicals**
Freesciencelessons ✓ • Playlist
[View full playlist](#)

Past exam questions



PHYSICS & MATHS TUTOR

AQA GCSE Biology Revision

Paper 1

Topic 1:
Cell Biology

Topic 2:
Organisation

Topic 3:
Infection and Response

Topic 4:
Bioenergetics

Paper 2

Topic 5:
Homeostasis and Response

Topic 6:
Inheritance, Variation and Evolution

Topic 7:
Ecology

Practical Skills



Revision books

