



Power to Perform

Year 11 Evening for Parents





The impact of your child's attendance

This is what really happened to our Year 11s in 2025

**100%
attendance:**

These students
achieved the best
grades

**90-95%
attendance:**

Knock off 0.6 of a grade in
every subject

**80-90%
attendance:**

Knock off 1 grade in every
subject

**Less than 80%
attendance:**

Knock off two grades in
every subject



Punctuality

Arrive at school
by 8:40am

Registers taken
at 8:45am

Arrival to school
after 9:15am
= U Code

10 U codes in a
10 week period =
LA Penalty Fine



Year 11 Rhythm of the Year (2025-26)

Autumn Term	Spring Term	Summer Term
1 st September: Anti-regression testing	6 th January onwards: Targeted support and intervention continues	April, May, June: Walking Talking Mocks, intensive revision days, hot tips sessions.
w/b 13 th October: Latest data sent to parents	23 rd February: Second round of PPEs in selected subjects.	May: Public Examinations begin and last until the end of June.
28 th October: Targeted assemblies	w/b: 23 rd March: Latest data sent to parents	Date TBC: Leaving Assembly
3 rd November: Pre-Public Examinations (for two weeks)	23 rd March: Targeted intervention using latest information from PPEs.	Date TBC: Year 11 Prom
6 th November: Sixth Form Open Evening	23 rd March: Parents' Evening	
11 th December: Parents' Evening and PPE Results Day	30 th March: Easter Holiday. Revision sessions. Exact dates TBC.	
11 th December: PPE follow up and targeted interventions		



Aspire: Let's Learn – Year 11 Tutoring Programme

Supporting Year 11 Success

- We are delighted to invite your child to take part in our free Aspire: Let's Learn Tutoring Programme at Countesthorpe Academy, which will initially run for 4 weeks.
-  Starts: Saturday 1st November
 -  Time: 10:00am – 12:00pm
 -  Location: Hive Centre, Countesthorpe Academy
 -  Tutors: Our high-achieving Sixth Form students, supported by senior staff

What's on Offer?

- Small-group and one-to-one tutoring in English and Maths, focused, personalised support to prepare for GCSEs and a relaxed and friendly environment
- Research shows that small group and one-to-one tutoring can significantly boost progress – often helping students secure at least one grade higher at GCSE.



Hive Sixth Form and support for next steps

Autumn Term – Building Aspirations and Making Applications

- **Sixth Form for the Day**
- **Open Evening**
- **Taster Events**

Spring Term – Focus on Getting the Grades!

- **Mock interviews**
- **Guidance meetings**
- **Conditional Offers**

Summer Term – Stepping into Sixth Form

- **Induction Days and Examinations**



Join us at our
Open
Evening!



**BOOK
NOW!**



HIVE Sixth Form
Countesthorpe Academy



Open evening

Thursday 6th November

4.30-6.30pm

25 DAYS
TO GO



5

6

7

8

9

5

8

7

6

5

4

What does the research tell us?

Parental engagement

Moderate impact for very low cost based on extensive evidence

Implementation cost 



Evidence strength 

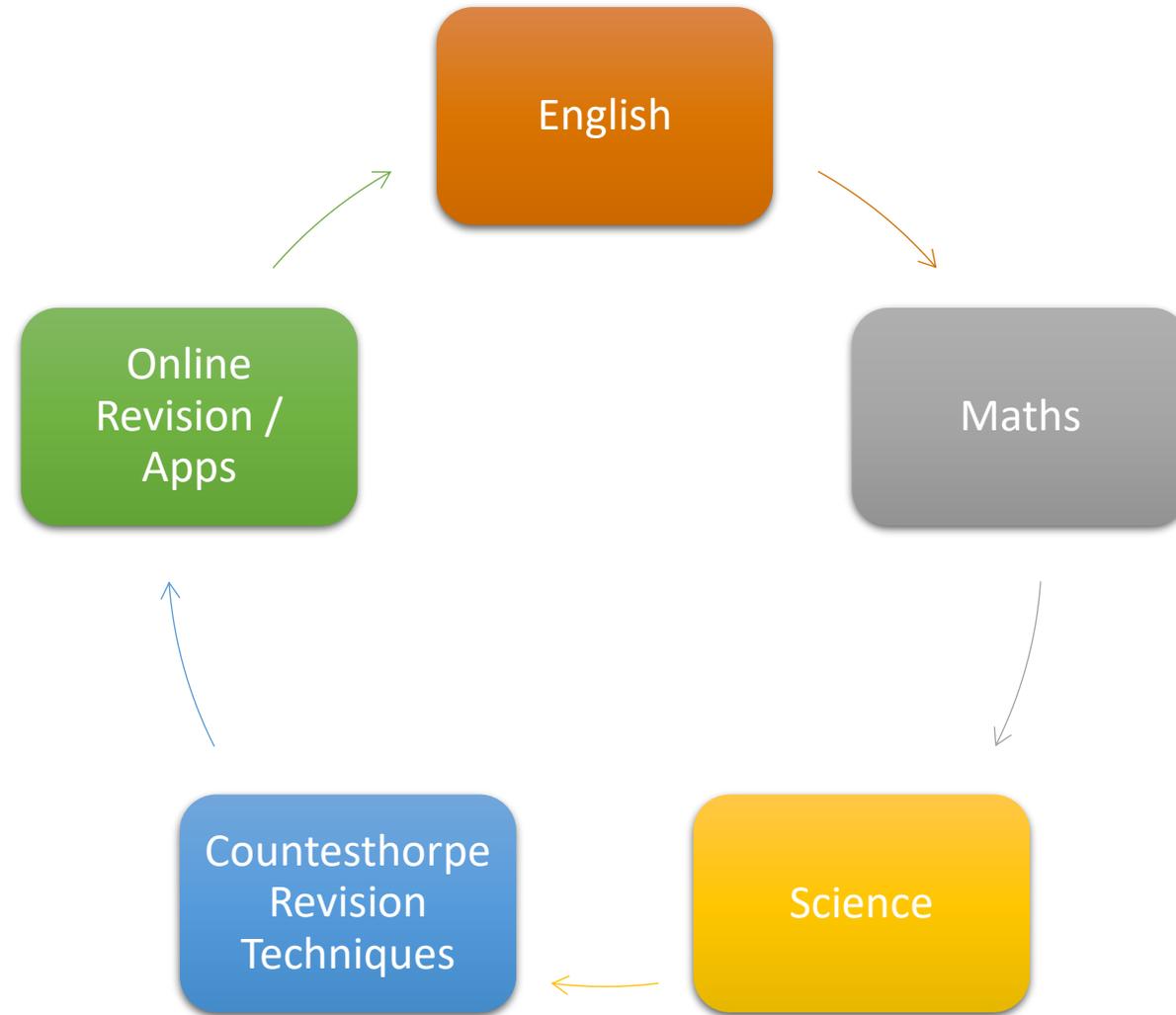


Impact (months) 



Power to Perform Evening

“How can I can help my Year 11 child with...”



Join us at our
Open
Evening!



**BOOK
NOW!**

HIVE Sixth Form
Countesthorpe Academy



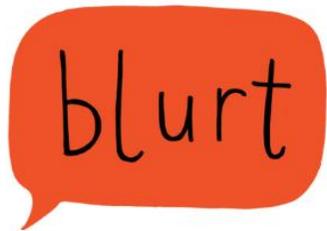
Open evening

Thursday 6th November

4.30-6.30pm

How we revise at Countesthorpe Academy

Blurting



It's all about testing yourself repeatedly and it engages active recall to help you remember.

Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



Pomodoro Technique



The Pomodoro method follows a basic pattern of 25 minutes of studying followed by a five-minute break, allowing for the perfect blend of study and rest.

Past Papers

Doing practice papers is one of the most important revision techniques. Do as many as you can under exam conditions to get used to the time pressure. Check your answers on the mark scheme.

Write your name here	
Surname	Other names
Centre Number	
Candidate Number	
Pearson Edexcel Level 1/Level 2 GCSE (9-1)	
Mathematics Paper 2 (Calculator)	
Foundation Tier	
Thursday 7 June 2018 – Morning	Paper Reference 1MA1/2F
Time: 1 hour 30 minutes	

How we revise at Countesthorpe Academy

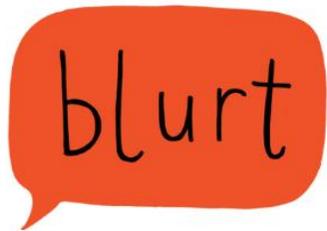


There are four parts to
this... which together will
lead to exam success.



How we revise at Countesthorpe Academy

Blurting



It's all about testing yourself repeatedly and it engages active recall to help you remember.

Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



Pomodoro Technique

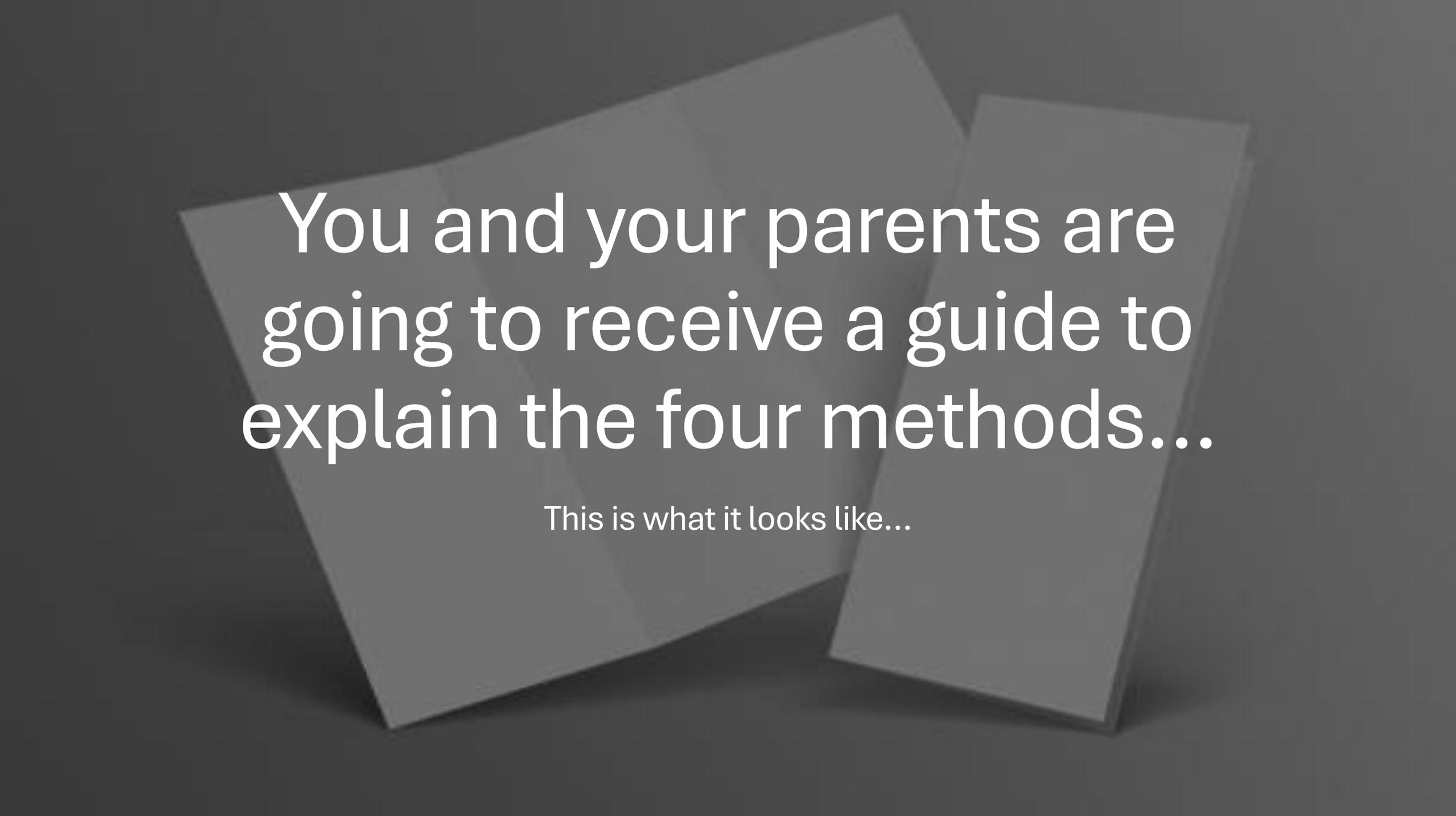


The Pomodoro method follows a basic pattern of 25 minutes of studying followed by a five-minute break, allowing for the perfect blend of study and rest.

Past Papers

Doing practice papers is one of the most important revision techniques. Do as many as you can under exam conditions to get used to the time pressure. Check your answers on the mark scheme.

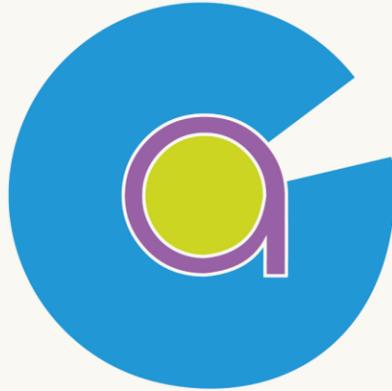
Write your name here	
Surname	Other names
Centre Number	
Candidate Number	
Pearson Edexcel Level 1/Level 2 GCSE (9-1)	
Mathematics Paper 2 (Calculator)	
Foundation Tier	
Thursday 7 June 2018 – Morning	Paper Reference
Time: 1 hour 30 minutes	1MA1/2F



You and your parents are
going to receive a guide to
explain the four methods...

This is what it looks like...

How we revise at...



Countesthorpe Academy

This is going to help the important things stick in your head, and that's what revision is all about.

Start with blurting.

Blurting



It's all about testing yourself repeatedly and it engages active recall to help you remember.

Use the Pomodoro Technique to manage your time and work effectively.

Pomodoro Technique



The perfect blend of study and rest.

1. Open your book, revision guide or cue cards and make sure you understand everything you're reviewing.
2. Put it away so you can't see it. Grab paper and a pen. Write down everything you remembered from your notes.
3. Now get out your book, revision guide, cue cards and check to see what you have written. **In a different colour** add anything you missed. Correct your mistakes.

1. Choose a task e.g. blurting, funnelling or working on a past paper.
2. Set a timer for 25 minutes
3. Work on a task up to the timer.
4. Take a short break (5 minutes)
5. Every 4 Pomodoros, take a longer break.

Improve your knowledge with funnelling then test your knowledge with Past Papers. Find out your knowledge gaps.... and repeat.

Funnelling is similar to blurring but helps you edit your notes very quickly.

Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



1. Write down everything about a topic – use sentences, bullets or diagrams.

2. Take one sheet of paper and, from memory, write it out again. Max one page.

3. Look at your work and try to identify the most important thing. Take a post-it or flashcard and write down the most important information from memory.

4. That's the key thing but you'll want more detail for the exam, so next, take one sheet of paper again and write as much as you can remember. Compare it to your original notes in step two, add in anything you missed **in a different colour**.

5. Now do step one again, this time from memory and compare it to the original step one, add in what's missing **in a different colour**.

Write your name here

Surname Other names

Pearson Edexcel Level 1/Level 2 GCSE (9-1) Centre Number Candidate Number

Mathematics

Paper 2 (Calculator)

Thursday 7 June 2018 – Morning
Time: 1 hour 30 minutes

Foundation Tier
Paper Reference
1MA1/2F

Past Papers

Doing practice papers is one of the most important revision techniques. Do as many as you can under exam conditions to get used to the time pressure. Check your answers on the mark scheme.

Write your name here

Surname Other names

Pearson Edexcel Level 1/Level 2 GCSE (9-1) Centre Number Candidate Number

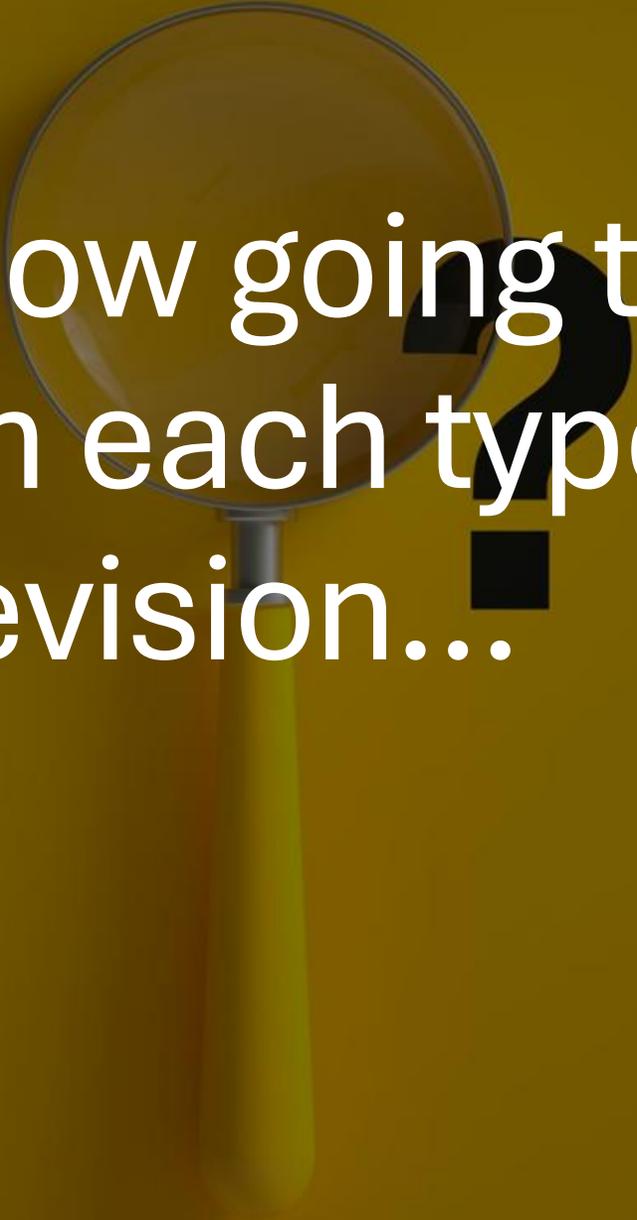
Mathematics

Paper 2 (Calculator)

Foundation Tier

Thursday 7 June 2018 – Morning
Time: 1 hour 30 minutes

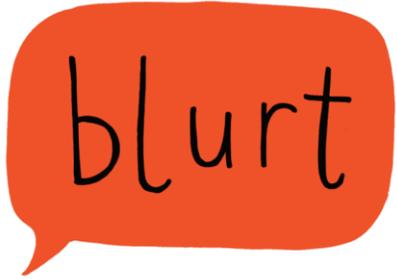
Paper Reference
1MA1/2F



We're now going to go
through each type of
revision...

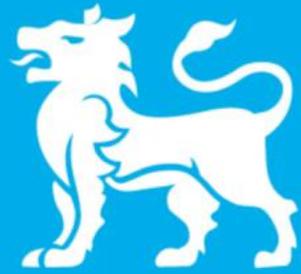
1. Blurting

This is all about testing yourself repeatedly and it engages active recall to help you remember.



blurt

This is a technique that's currently blowing up on **TikTok**. It literally means 'blurting out' all the information you know on a topic and trying to get it to stick in your long-term memory.



BIRMINGHAM CITY
University

GCSE English



Revision Guide

1. Open your book, revision guide or cue cards and make sure you understand everything you're reviewing.



2. Put it away so you can't see it. Grab paper and a pen. Write down everything you remembered from your notes.

blurt

3. Now get out your book, revision guide, cue cards and check to see what you have written. **In a different colour** add anything you missed. Correct your mistakes.

Major Point / Side Note
This is where I start to write info.
I also write page numbers next
to the info so I can find it
quickly in the textbook.
I already know it, I just use keywords
bullet points
- keywords
- easy / familiar content
- no need to write whole sentences

Major Point / Side Note
If it's a new concept, I use sentences.
This way, if there is something
that's confusing or a gap in my
notes, I can reference the book easily!
I social activities

Major Point / Side Note
I get this info from my 'scribbly' notes!
info
info
info



2. Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.

Funnelling is similar to blurring but helps you edit your notes very quickly.



- There are 5 steps....
1. Write down everything about a topic – use sentences, bullets or diagrams.

Funnelling



2. Take one sheet of paper and, from memory, write it out again. Max one page.

Don't worry that this one is typed. It's just an example.

Subject: Geography
Topic: Volcanoes

Overview

Volcanoes have created more than 80 percent of our planet's surface, laying the foundation that has allowed life to thrive. Their explosive force crafts mountains as well as craters. Lava rivers spread into bleak landscapes. There are volcanoes on every continent, even Antarctica. Some 1,500 volcanoes are still considered potentially active around the world today; 161 of those—over 10 percent—sit within the boundaries of the United States. Some volcanoes burst to life in explosive eruptions, like the 1991 eruption of Mount Pinatubo, and others burp rivers of lava in what's known as an effusive eruption, like the 2018 activity of Hawaii's Kilauea volcano. These differences are all thanks to the chemistry driving the molten activity. Effusive eruptions are more common when the magma is less viscous, or runny, which allows gas to escape and the magma to flow down the volcano's slopes. Explosive eruptions, however, happen when viscous molten rock traps the gasses, building pressure until it violently breaks free. The majority of volcanoes in the world form along the boundaries of Earth's tectonic plates—massive expanses of our planet's lithosphere that continually shift, bumping into one another. When tectonic plates collide, one often plunges deep below the other in what's known as a subduction zone. As the descending landmass sinks deep into the Earth, temperatures and pressures climb, releasing water from the rocks. The water slightly

Funnelling



- 3. Look at your work and try to identify the most important thing. Take a post-it or flashcard and write down the most important information from memory.

Part 3. Summarise the main points and pull out any key terms

Subject: Geography
Topic: Volcanoes

Overview

Volcanoes have created more than 80 percent of our planet's surface, laying the foundation that has allowed life to thrive. Their explosive force crafts mountains as well as craters. Lava rivers spread into bleak landscapes. There are volcanoes on every continent, even Antarctica. Some 1,500 volcanoes are still considered potentially active around the world today; 161 of those—over 10 percent—sit within the boundaries of the United States. Some volcanoes burst to life in explosive eruptions, like the 1991 eruption of Mount Pinatubo, and others burp rivers of lava in what's known as an effusive eruption, like the 2018 activity of Hawaii's Kilauea volcano. These differences are all thanks to the chemistry driving the molten activity. Effusive eruptions are more common when the magma is less viscous, or runny, which allows gas to escape and the magma to flow down the volcano's slopes. Explosive eruptions, however, happen when viscous molten rock traps the gasses, building pressure until it violently breaks free. The majority of volcanoes in the world form along the boundaries of Earth's tectonic plates—massive expanses of our planet's lithosphere that continually shift, bumping into one another. When tectonic plates collide, one often plunges deep below the other in what's known as a subduction zone. As the descending landmass sinks deep into the Earth, temperatures and pressures climb, releasing water from the rocks. The water slightly reduces the melting point of the overlying rock, forming magma that can work its way to the surface—the spark of life to reawaken a slumbering volcano. One particular danger is pyroclastic flows, avalanches of hot rocks, ash, and toxic gas that race down slopes at speeds as high as 450 miles an hour. Such an event was responsible for wiping out the people of Pompeii and Herculaneum after Mount Vesuvius erupted in AD 79.

Main points

- * There are volcanoes on every continent. Most volcanoes are along tectonic plates. When tectonic plates collide this causes a subduction zone
- * Magma is formed which works its way to the surface
- * Explosive eruptions (Mount Pinatubo 1991) viscous molten lava traps gasses, building pressure, causing violent explosions
- * Effusive eruptions (Kilauea volcano 2018) magma is less viscous, which allows gas to escape and the lava flows down in a river
- * Pyroclastic flow (MAGMA) Hot rocks, ash and toxic gas up to 450 miles an hour - Mount Vesuvius wiped out Pompeii in AD 79

Key words

Tectonic Plates	Magma	Explosive Eruption
Effusive Eruption	Pyroclastic Flow	Vesuvius / Pompeii / AD 79.

Funnelling



4. That's the key thing but you'll want more detail for the exam, so next, take one sheet of paper again and write as much as you can remember. Compare it to your original notes in step two, add in anything you missed **in a different colour**.

5. Now do step one again, this time from memory and compare it to the original step one, add in what's missing **in a different colour**.

Subject: Geography
Topic: Volcanoes

Overview

Volcanoes have created more than 80 percent of our planet's surface, laying the foundation that has allowed life to thrive. Their explosive force crafts mountains as well as craters. Lava rivers spread into bleak landscapes. There are volcanoes on every continent, even Antarctica. Some 1,500 volcanoes are still considered potentially active around the world today; 161 of those—over 10 percent—sit within the boundaries of the United States. Some volcanoes burst to life in explosive eruptions, like the 1991 eruption of Mount Pinatubo, and others burp rivers of lava in what's known as an effusive eruption, like the 2018 activity of Hawaii's Kilauea volcano. These differences are all thanks to the chemistry driving the molten activity. Effusive eruptions are more common when the magma is less viscous, or runny, which allows gas to escape and the magma to flow down the volcano's slopes. Explosive eruptions, however, happen when viscous molten rock traps the gasses, building pressure until it violently breaks free. The majority of volcanoes in the world form along the boundaries of Earth's tectonic plates—massive expanses of our planet's lithosphere that continually shift, bumping into one another. When tectonic plates collide, one often plunges deep below the other in what's known as a subduction zone. As the descending landmass sinks deep into the Earth, temperatures and pressures climb, releasing water from the rocks. The water slightly weakens the point of the overlying rock, forming magma that can work its way to the surface. This magma can then erupt, marking the point of life to reawaken a slumbering volcano. One particular eruption, the 1944 eruption of Mount Vesuvius, saw avalanches of hot rocks, ash, and toxic gas that race down the slopes at speeds as high as 450 miles an hour. Such an event was responsible for the destruction of Pompeii and Herculaneum after Mount Vesuvius erupted.

Part 4. Extra things added in that were missed the first time.

Main points

- * There is a volcano on every continent. Most volcanoes are along tectonic plates. When tectonic plates collide this causes a subduction zone
- * Magma is formed which works its way to the surface
- * Explosive eruptions (Mount Pinatubo 1991) viscous molten lava traps gasses, building pressure, causing violent explosions
- * Effusive eruptions (Kilauea volcano 2018) magma is less viscous, which allows gas to escape and the lava flows down in a river
- * Pyroclastic flow (MAGMA) Hot rocks, ash and toxic gas) up to 450 miles an hour - Mount Vesuvius wiped out Pompeii in AD 79

Key words

Tectonic Plates	Magma	Explosive Eruption
Effusive Eruption	Pyroclastic Flow	Vesuvius / Pompeii / AD 79.

Funnelling



- Awesome work! Think about it: you've now written:
 - the most important thing five times
 - the second most important stuff four times, and
 - the least important stuff twice.
- This is going to help the important things stick in your head, and that's what revision is all about.

You can use this template to divide up your revision notes:

Subject:

Topic:

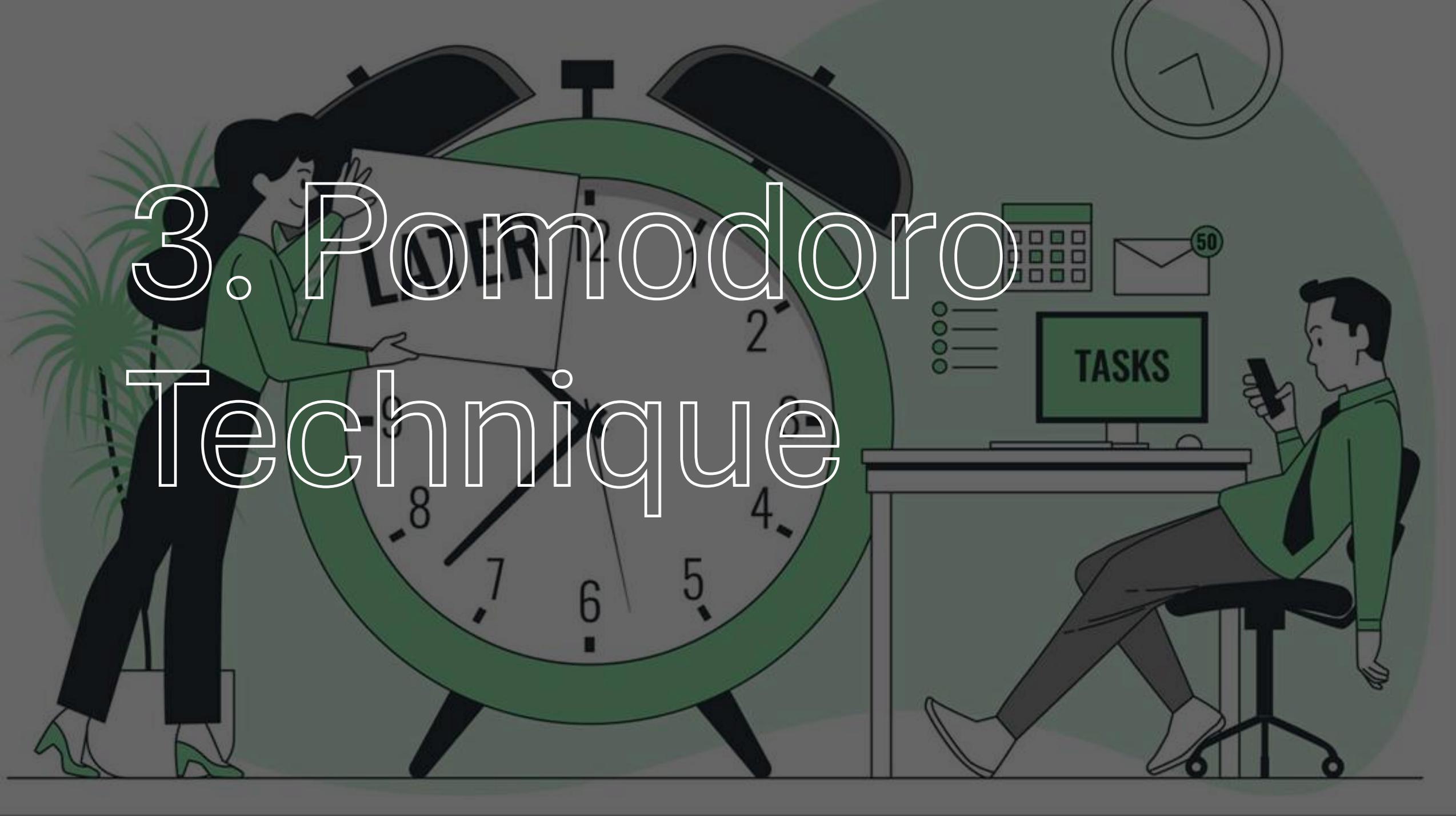
Overview

Main points

Key words

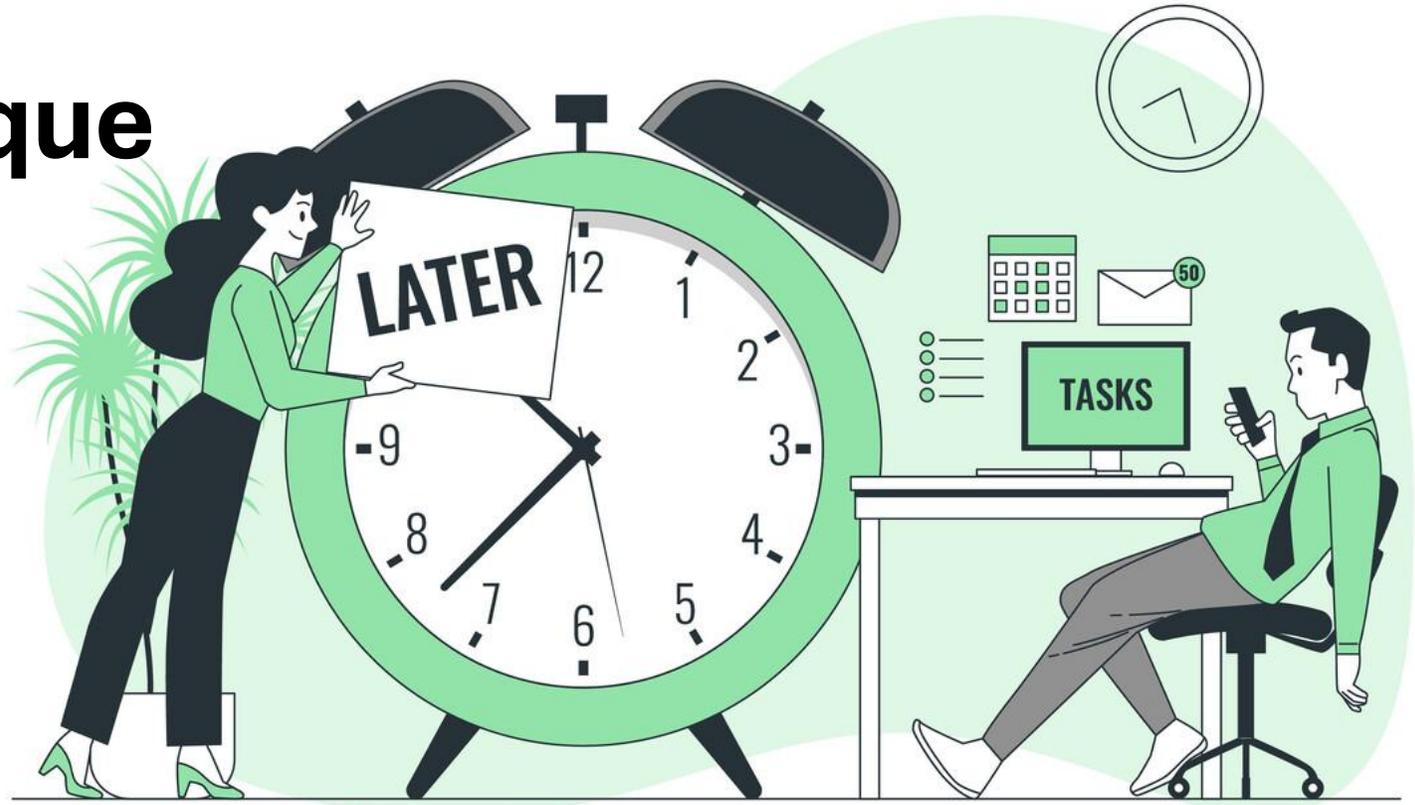
The image shows a vertical template for revision notes. At the top, there are two input fields for 'Subject' and 'Topic'. Below these are three main sections: 'Overview', 'Main points', and 'Key words'. Each section is a light blue rounded rectangle with a colored border (orange, green, and blue respectively). Curved arrows connect the bottom right corner of one section to the top right corner of the next, indicating a sequential flow.

3. Pomodoro Technique



Pomodoro Technique

- Has anything like this ever happened to you?
- You are working on a task and you suddenly need to do other things - updating your Instagram, replying to a message, eating, anything really- instead of focusing on your current goal.
- You are working on a task and you hear a voice in your head: "Are you sure this is the right thing to do now? Are you sure you are not forgetting something urgent to do? Are you sure there isn't a better way to do that?"
- We often find we do this when it comes to revision.



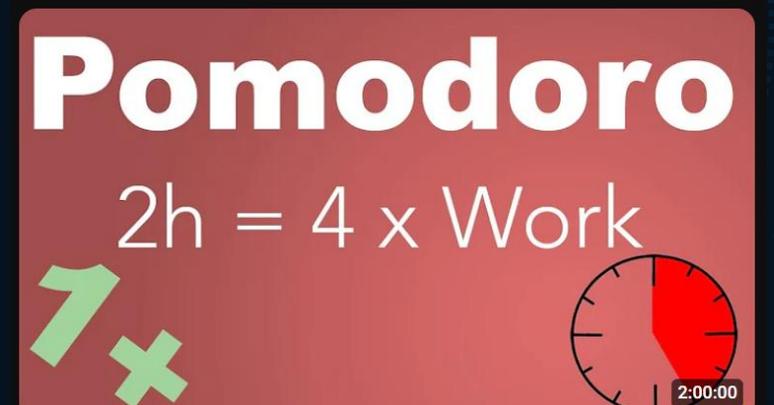
You are not alone! We all face the same problem. We know we should focus on the task in hand, but it feels impossible with so many distractions and demands on our time.

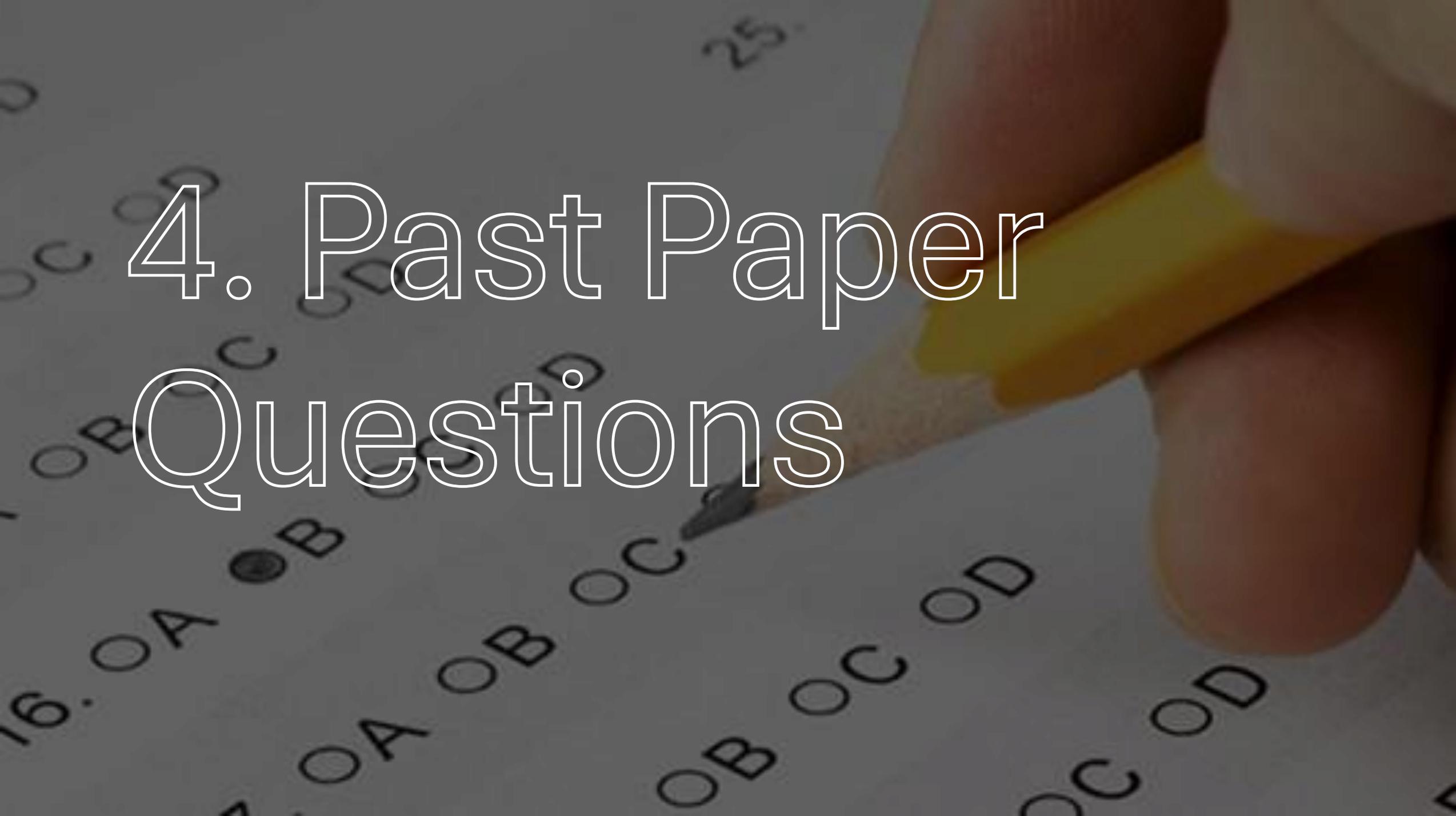
Pomodoro Technique



- The **Pomodoro Technique** helps our brain recognise those tricky moments and learn how to deal with them. It helps focus your revision.
- Choose what you are going to revise and how you are going to do it (e.g. blurting, funnelling, past paper)
 - Set a timer for 25 minutes
 - Work on the task until the timer rings, then put a check on your sheet of paper
 - Take a short break (5 minutes). Use a timer.
 - Every 4 Pomodoro rounds, take a longer break. You'll have then earned it.

There are lots of Pomodoro timers on YouTube
(but a simple timer is just as good e.g. like on your phone)



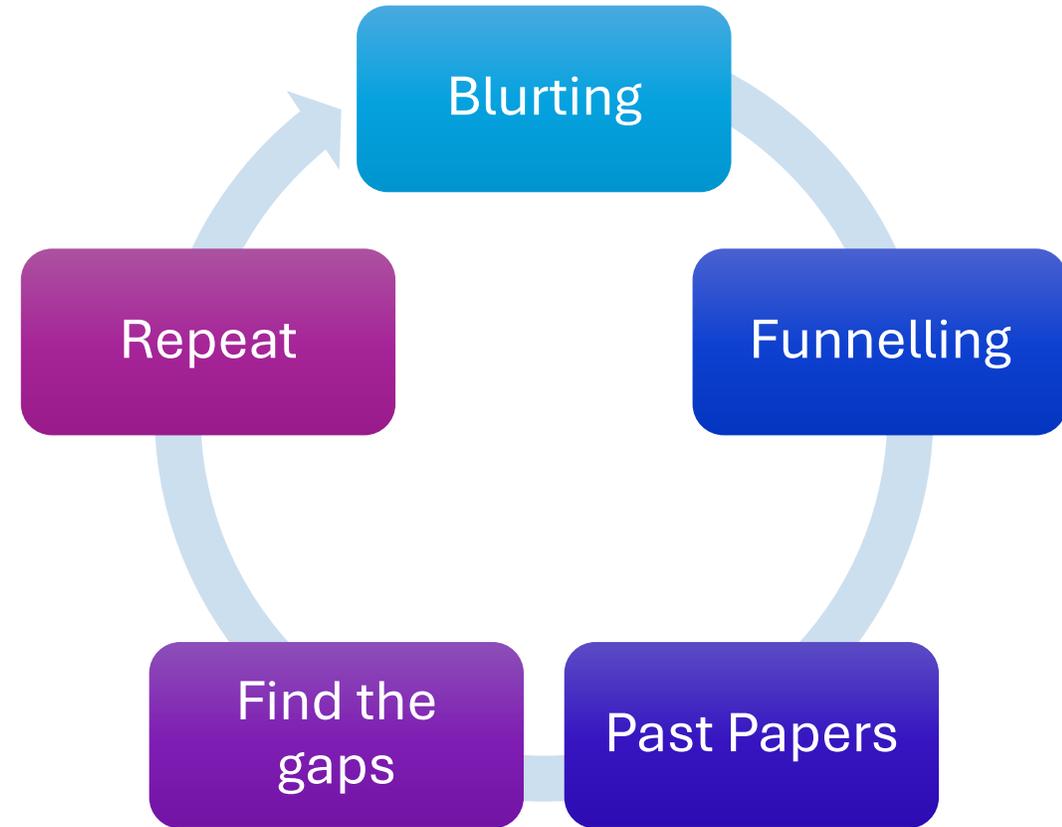
A close-up photograph of a hand holding a yellow highlighter over a multiple-choice test paper. The paper contains several questions with options labeled OA, OB, OC, and OD. The text '4. Past Paper Questions' is overlaid in a white, outlined font. The background is slightly blurred, focusing attention on the hand and the text.

4. Past Paper Questions

Past Paper Questions

Test your knowledge

- Revision is often a process of memorising facts, dates, formulas and quotes, but the best way to make sure you've retained that information is to **test yourself on it**.
- Answering past papers helps you to work out which topics you know really well and **figure out what gaps you need to focus on**.
- By testing your knowledge you can **check your revision progress** and feel more confident about what you already know.
- If there are gaps in knowledge, go back to blurring and funnelling. **Keep going until you know your stuff**.



Past Paper Strategy



1. Get the past paper from your **Google Classroom**
2. Work out **how long you need** to answer the question(s).
3. Put yourself into **exam conditions** (no notes, no distractions, timer on)
4. **Use the mark scheme afterwards** (Google Classroom) to check your understanding.
5. Make notes and **corrections in a different colour.**
6. Where things were incorrect, go back to your notes / revision guide and complete blurring and funnelling to **fill the gaps.**

0 2 You need to refer to source A and source B for this question:
The things to see and do at Glastonbury Festival and Greenwich Fair are different.
Use details from both sources to write a summary of the differences. [8 marks]

SKILLS

clear statement of differences with textual references

inference

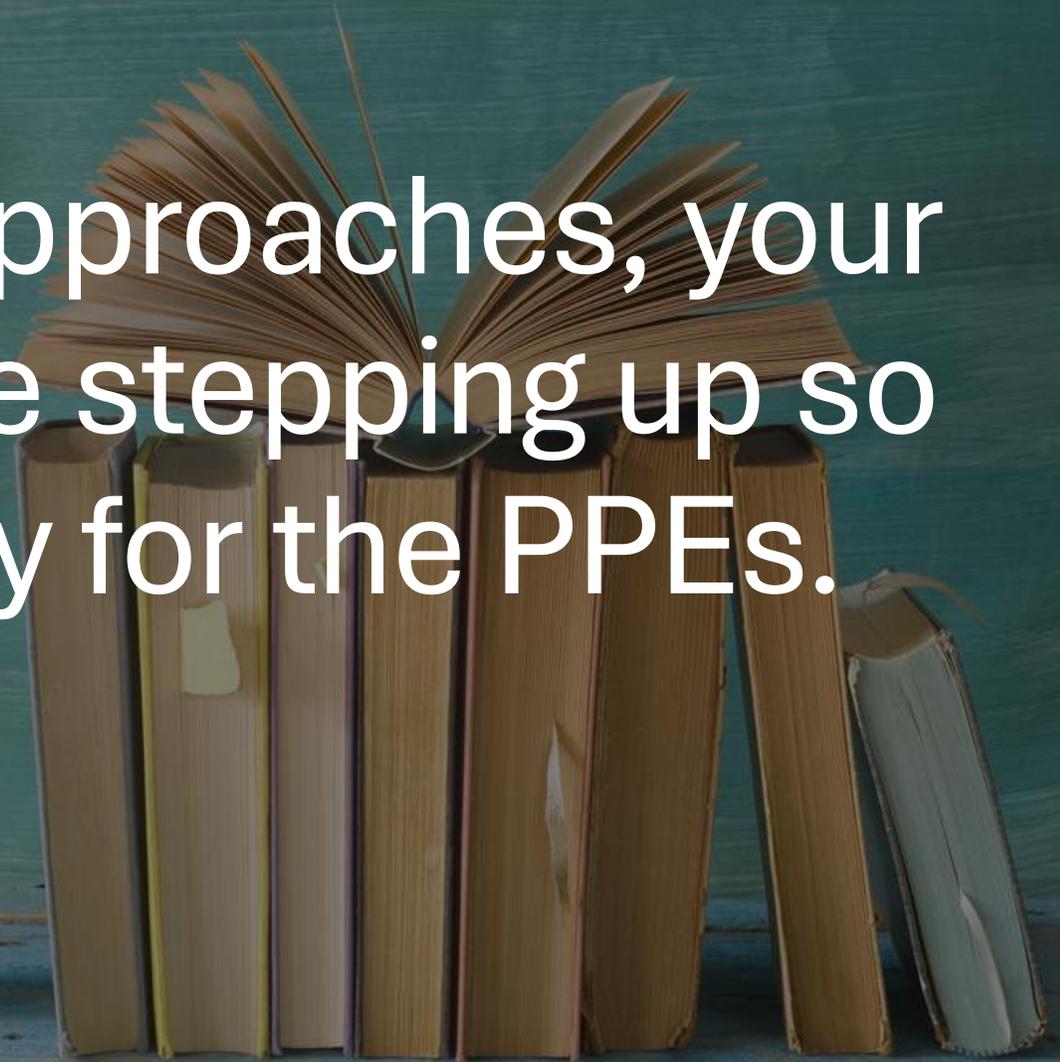
Perceptive inference from judicious reference

Glastonbury and Greenwich Fair – both hugely popular events, but incredibly different in their content. Glastonbury, not only a modern festival, is all about the live music and bringing all different styles together (1950s, pop, alternative etc), whereas Greenwich fair is something much more theatrical, with shops and bands parades and pantomimes) and various other dramatic presentations.

From the descriptions in atmosphere, they are also hugely different. Glastonbury is described to have a very safe family friendly atmosphere according to people taking part. Apart from the fact that it seems to look like a 'near-total' devastation, everyone seems relatively calm, happy and friendly.

However, this does not seem to be the case at Greenwich. Glastonbury is a festival

As half term approaches, your revision will be stepping up so you are ready for the PPEs.



2024

OCTOBER

S	M	T	W	T	F	S
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	TODAY	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1st Nov	2
3	PPEs begin	5	6	7	8	9

CHALLENGES OF THE MONTH



Master the blurring, funnelling and Pomodoro techniques.



Ensure you know where all your revision resources are.



Develop use of past papers using the three pen approach

Blurting



It's all about testing yourself repeatedly and it engages active recall to help you remember.

Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



Pomodoro Technique



The Pomodoro method follows a basic pattern of 25 minutes of studying followed by a five-minute break, allowing for the perfect blend of study and rest.

CHALLENGES OF THE MONTH



Master the blurting, funnelling and Pomodoro techniques.



Ensure you know where all your revision resources are.



Develop use of past papers using the three pen approach

Ensure you know where all your revision resources can be found

- You should be familiar with some of these resources already.



Quizzing and revision



Online maths revision and testing



Quizzes and homework in a range of subjects



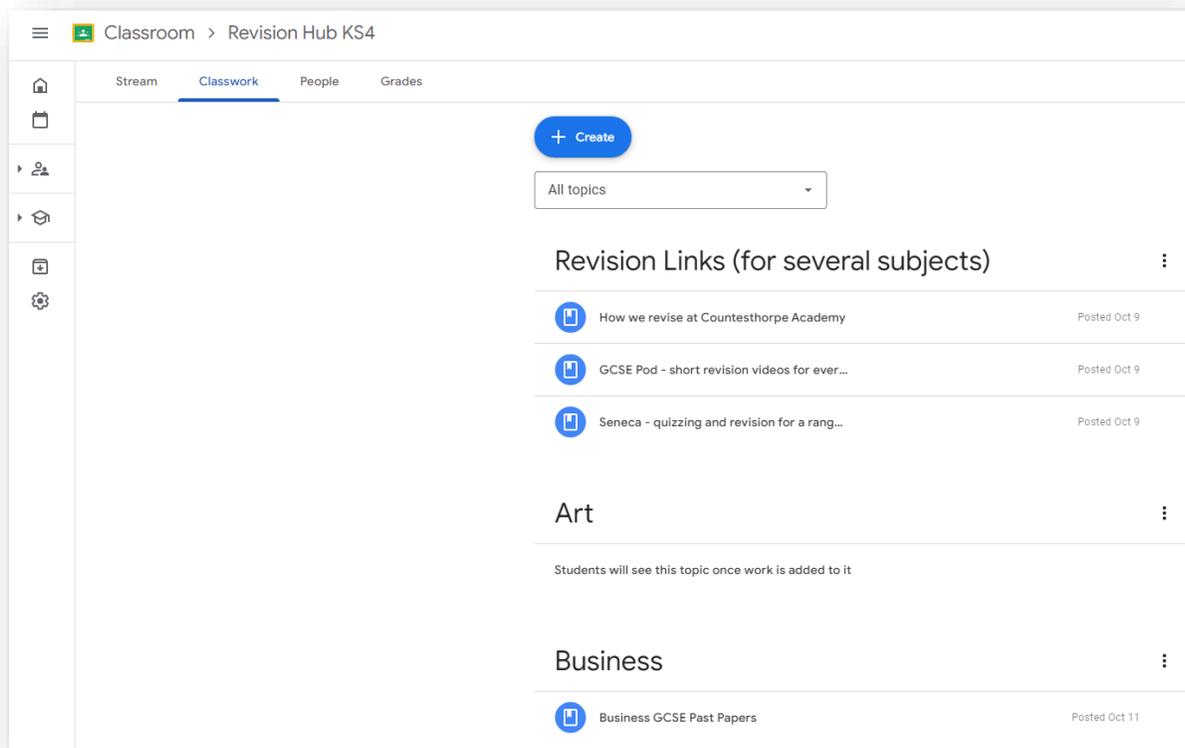
Google Classroom
Your own revision resources

CHALLENGES OF THE MONTH

- Master the blurring, funnelling and Pomodoro techniques.
- Ensure you know where all your revision resources are.
- Develop use of past papers using the three pen approach

Revision Hub (KS4)

- Your teachers are also making all past papers available to you in one place: The Google Classroom called Revision Hub (KS4).
- Log on. Make sure you can find where the resources are stored.



CHALLENGES OF THE MONTH

Master the blurring, funnelling and Pomodoro techniques.

Ensure you know where all your revision resources are.

Develop use of past papers using the three pen approach

Go to your Google
Classroom

Past Papers using the three pen approach

- Once you have completed your blurting and funnelling whilst managing your time with the Pomodoro technique you will want to test yourself using Past Papers.
- They are available in the Google Classroom: Revision Hub (KS4).
- We can make Past Paper completion more effective using to the three pen approach.
- It will:
 - Help you self reflect on answers
 - Improve your technique
 - Get your higher marks

CHALLENGES OF THE MONTH

- Master the blurting, funnelling and Pomodoro techniques.
- Ensure you know where all your revision resources are.
- Develop use of past papers using the three pen approach

Go to your Google Classroom

Past Papers using the three pen approach (You will need to have downloaded a past paper)



1. **Black pen**, no notes, no help. Not necessarily under timed conditions. This will identify what you feel confident about and what you're less sure of.



2. **Purple pen**. Using text books, notes, revision guides but not the markscheme, switch to purple and annotate (improve answers). This identifies what you can work out with some prompting but is not yet secure in your long term memory.



3. **Green pen**. These are your final corrections, made using the mark scheme (that you can see in Google Classrooms). This is what you likely struggled with most, even with textbook / revision guides. These are the most urgent areas to go back and revise. Start the cycle of blurting and funnelling again.

CHALLENGES OF THE MONTH

- Master the blurting, funnelling and Pomodoro techniques.
- Ensure you know where all your revision resources are.
- Develop use of past papers using the three pen approach

Go to your Google Classroom

Past Papers using the three pen approach (You will need to have downloaded a past paper)

You should now find a past paper question (or several questions) from any subject and give this a go.

CHALLENGES OF THE MONTH

Master the blurring, funnelling and Pomodoro techniques.

Ensure you know where all your revision resources are.

Develop use of past papers using the three pen approach

1. con
wha

2. th
an
pr

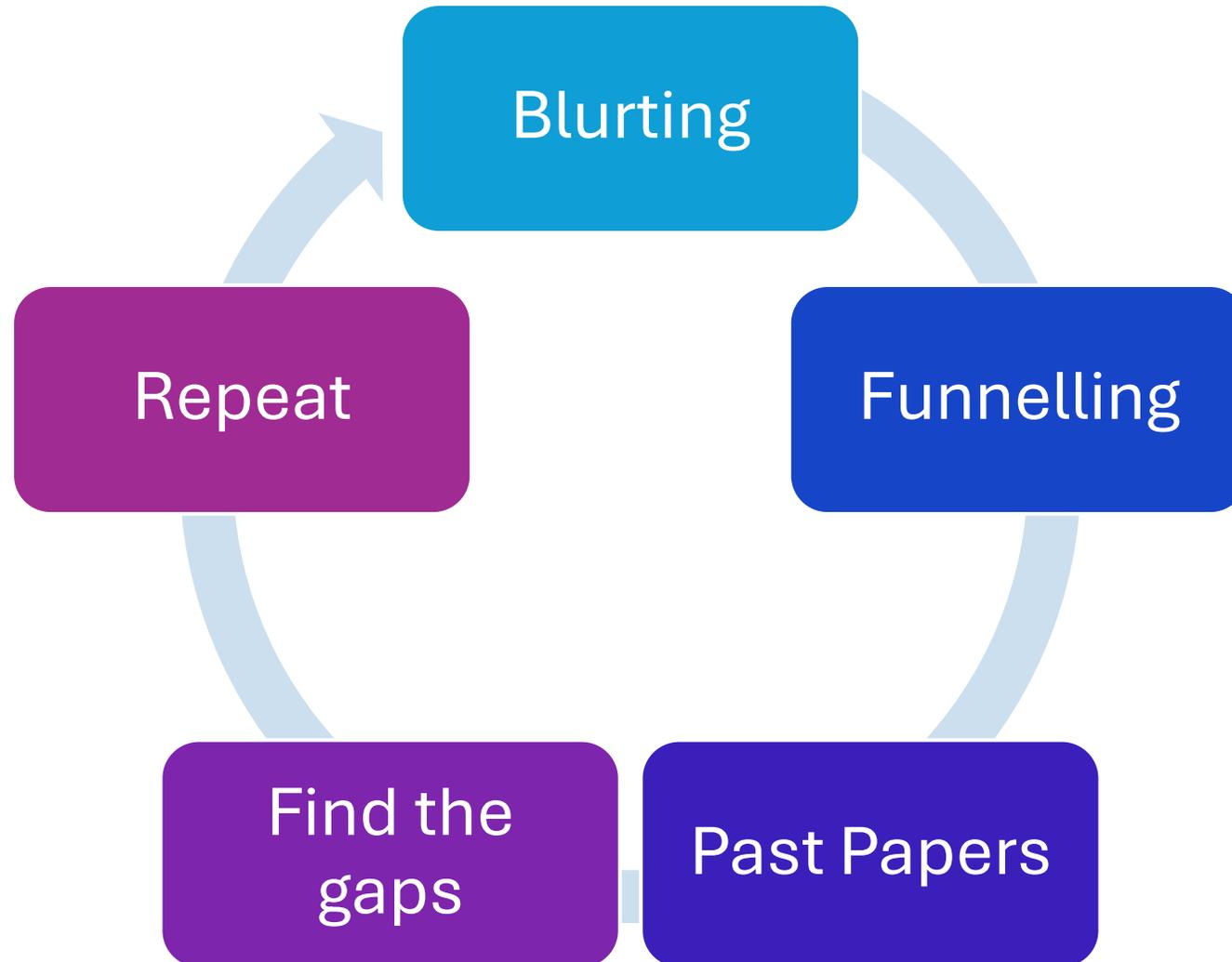
3. m

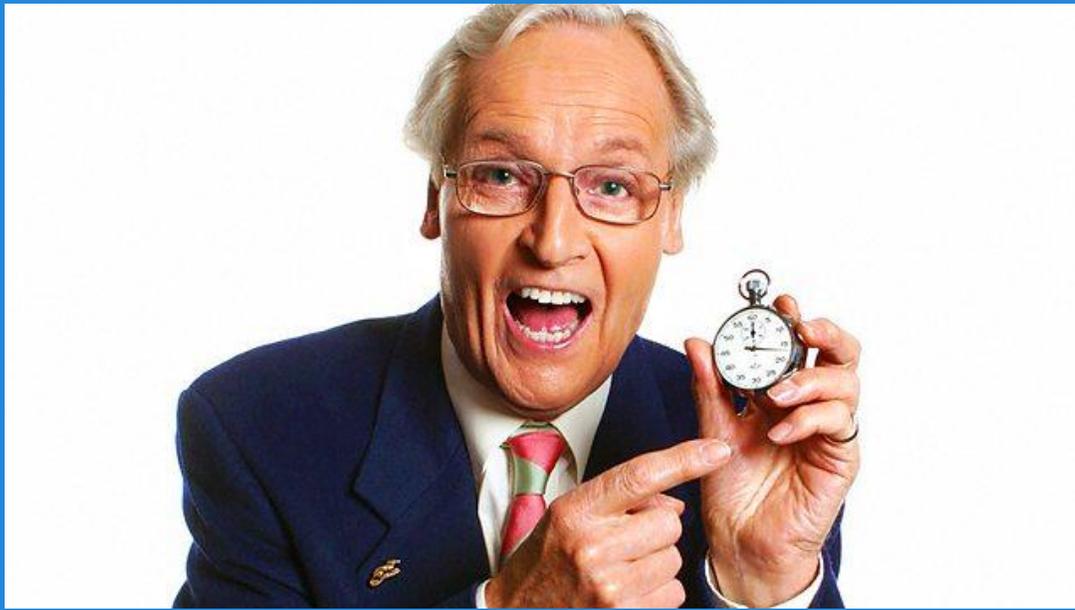
what you likely struggled with most, even with textbook / revision guides. These are the most urgent areas to go back and revise. Start the cycle of blurring and funnelling again.

Go to your Google Classroom



The Revision Cycle...





Just a minute

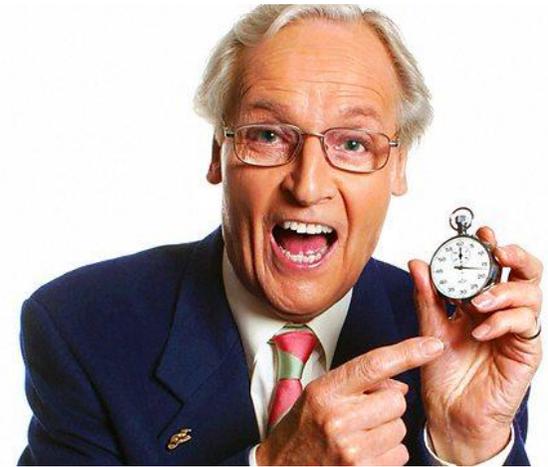
Revision

Rules

- No hesitation
- No repetition
- No deviation

1 point per correct challenge

2 bonus points for reaching the end of the minute.



Fitness testing & training

- No hesitation
- No repetition
- No deviation



Influences on physical activity

- No hesitation
- No repetition
- No deviation



Balanced diet

- No hesitation
- No repetition
- No deviation



Drugs in sport

- No hesitation
- No repetition
- No deviation



The skeletal system

- No hesitation
- No repetition
- No deviation





Tips on how to support your child in GCSE English – Language and Literature

Communication Faculty



What to expect: what we are doing in Y11 **English** and what you can expect to see in the coming months

- Frequent practice of exam type questions and teacher modelling to provide scaffolded framework supporting student progress.
- November PPE Paper 2 Language (non-fiction) and Literature Paper 1: Macbeth and A Christmas Carol.
- After school interventions and Crew interventions to support students below target or aspiring for higher grades before both PPEs and final exams.
- Connect activities at the start of all Year 11 lessons revising essential knowledge -retrieval and low stakes testing.
- Writing Fridays - department initiative to boost narrative and non-fiction writing skills.
- Robust feedback and personal checklists after both sets of mock exams/all assessments to identify student gaps in knowledge and allow opportunities to upgrade.
- Regular Literature and Language formative assessment homework set on Educake for all classes.
- Vocabulary extension activities and mats as this is deemed an important indicator of attainment in this summer's Examiner's Report.
- Regular opportunities for extended writing to build writing resilience.

Key Actions for English Year 11

- Purchase **all** English Literature set texts.
- Ensure all poems in the Anthology are annotated.
- Be equipped with purple pen and highlighter.
- Ensure homework is completed.**
- Familiarity with set texts**- revise and reread.
- Encourage your child to read quality **fiction** and **non-fiction** to help improve technical accuracy and widen their vocabulary.
- Investigate different apps and websites** - BBC Bitesize, Sparknotes, Mr Bruff on YouTube and the GCSE Podcasts.
- Theatre Performances in school** - *A Christmas Carol* and *Narrative Writing workshop*.
- Watch filmed versions of the texts** with your child – *Macbeth*, *A Christmas Carol*, *An Inspector Calls*.
- Purchase study guides** to increase their knowledge bases.
E.g. CGP Revision guides and cards.



AQA Literature Paper 1

- 1 hour 45 mins. Shakespeare and 19th Century Novel.
- **Section A:** 20% - one exploding extract essay question on 'Macbeth' [30 marks + 4 for AO4]
- **Section B:** 20% - one exploding extract question on 'A Christmas Carol' [30 marks]

Eduqas Language Component 2

- 2 hours. (non-fiction)
- **Section A:** 30% - Read two non-fiction texts/extracts (one C19th and one C21st) and answer six questions.
- **Section B:** 30% - Transactional/Persuasive Writing. Two compulsory writing tasks. e.g. letter, article, talk, speech, report, review.

AQA Literature Paper 2

- 2 hours 15 mins. Modern Drama & Poetry.
- **Section A:** 20% - One whole-text essay on 'An Inspector Calls' (choice of two questions) [30 marks + 4 for AO4]
- **Section B:** 20% - One comparative essay on AQA Poetry Anthology (one given poem) [30 marks]
- **Section C:** 20% - i) Single poem analysis essay [24 marks] ii) Comparative question with AO2 focus [8 marks]

Eduqas Language Component 1

- 1 hour 45 mins. (fiction)
- **Section A:** 20% - Read and answer five questions on the extract.
- **Section B:** 20% - Narrative writing. One task picked from a choice of four titles.

**Year 11
English
Revision
Countdown
to GCSEs
2025**

**SAMPLE
summer
2025**

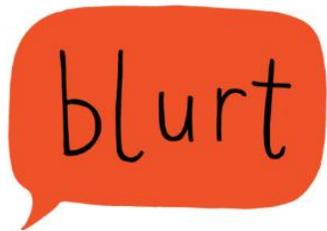
Dates	Topic	Writing Friday	
HALF TERM			
24-28 Feb	Literature Retrieval Connect ACC Clock Unseen Poetry	Transactional	
3-7 March	Literature Retrieval Connect ACC Clock Unseen Poetry	Transactional	
10-14 March	Literature Retrieval Connect ACC Clock Unseen Poetry Assessment (Mon) Language C1B Narrative Writing	Transactional	
17-21 March	Literature Retrieval Connect AIC Clock Macbeth	C1 Unseen Fiction and homework	
24-28 March	Literature Retrieval Connect AIC Clock A Christmas Carol	Narrative	
31 Mar – 4 April	Literature Retrieval Connect AIC Clock C2 Language Unseen Non-Fiction	Narrative	
7-11 April	Literature Retrieval Anthology Poetry	Narrative	
EASTER			
29 April- 3 May	Literature Retrieval An Inspector Calls	Unseen Poetry	
5 -9 May	Literature Retrieval Macbeth / A Christmas Carol	Unseen Poetry	
12-16 May	Literature Retrieval Anthology An Inspector Calls	EXAM: Mon 12 th May 8:50am AQA Literature Paper 1 (Macbeth/ACC)	C1 Unseen Fiction
19-23 May	C1 Language: Unseen Fiction C2 Language: Unseen Non-Fiction	EXAM: Tues 20 th May 8:50am AQA Literature Paper 2 (AIC/Anthology/Unseen Poetry) EXAM: Fri 23 rd May 8:50am Eng. Language Component 1	Transactional
HALF TERM			
2-6 June	C2 Language Unseen Non-Fiction Transactional Writing	EXAM: Fri 6th June Eduqas Language Component 2 -Non-fiction	

ENGLISH FOCUS FIVE PLEDGE

- 1) Connect activity 'clock' retrieval practice for AIC and ACC literature text.**
- 2) Regular assessments in both literature and language with teacher feedback.**
- 3) Countdown revision programme of all Language and Literature units begins after February PPE.**
- 4) Explicitly teaching whole school revision strategies in lessons – especially mind-maps and cue cards (funnelling).**
- 5) Weekly Educake formative assessment homework.**

How we revise at Countesthorpe Academy

Blurting



It's all about testing yourself repeatedly and it engages active recall to help you remember.

Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



Pomodoro Technique



The Pomodoro method follows a basic pattern of 25 minutes of studying followed by a five-minute break, allowing for the perfect blend of study and rest.

Past Papers

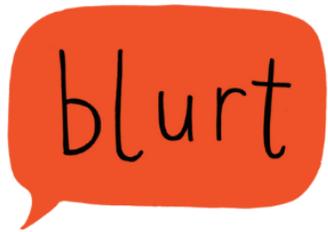
Doing practice papers is one of the most important revision techniques. Do as many as you can under exam conditions to get used to the time pressure. Check your answers on the mark scheme.

Write your name here	
Surname	Other names
Centre Number	
Candidate Number	
Pearson Edexcel Level 1/Level 2 GCSE (9-1)	
Mathematics Paper 2 (Calculator)	
Foundation Tier	
Thursday 7 June 2018 – Morning	Paper Reference 1MA1/2F
Time: 1 hour 30 minutes	

Blurting is very effective in English. It helps to give confidence as students see how much they know!

Students need to write down as much as they remember, as quickly as they can, on a specific topic. Here are some useful areas to blurt on!

Blurting



It's all about testing yourself repeatedly and it engages active recall to help you remember.

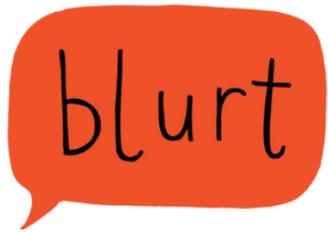
A Christmas Carol –quotes and vocabulary

- Scrooge's character at the start of the novel
- Scrooge's transformed character at the end
- The Cratchits
- Attitudes to Christmas
- The ghosts
- The structure of the novel and use of motif

An Inspector Calls –quotes and vocabulary

- Mr Birling
- Mrs Birling
- Sheila
- Gerald
- Eric
- The Inspector
- Messages about society including context
- Dramatic structure and techniques

Blurting



It's all about testing yourself repeatedly and it engages active recall to help you remember.

Poetry Anthology–quotes and context

- Five quotes for each poem
- Setting and time
- Message about power and conflict
- Links to other poems

Macbeth–quotes and vocabulary

- Ambition
- Guilt
- How Macbeth changes
- Presentation of Lady Macbeth
- The influence of the supernatural
- The play's structure and motifs

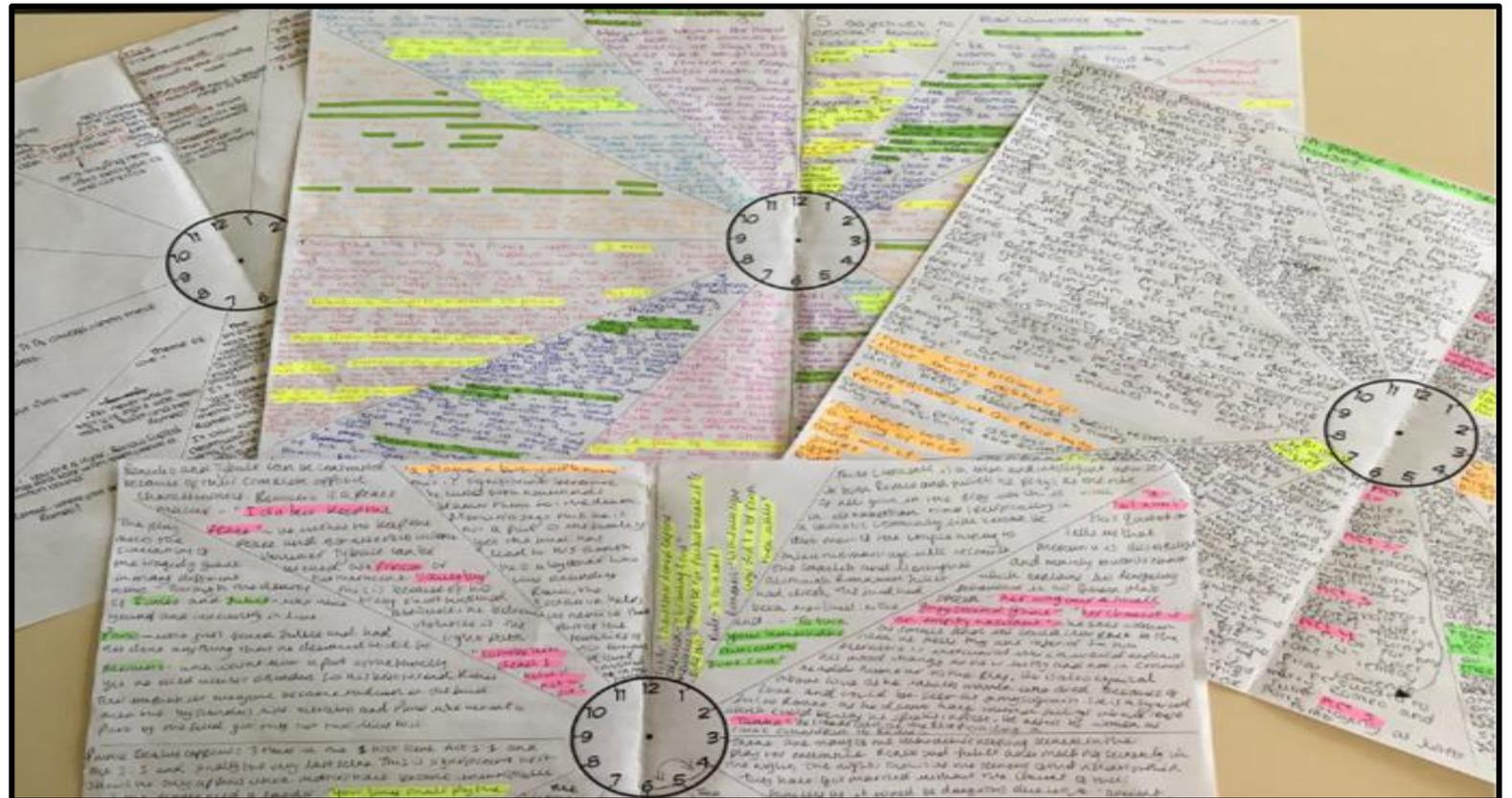
Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



We condense our notes using a range of strategies:

1) We will complete revision clocks as our connect activity in lessons for A Christmas Carol and An Inspector Calls – 5 minute recall

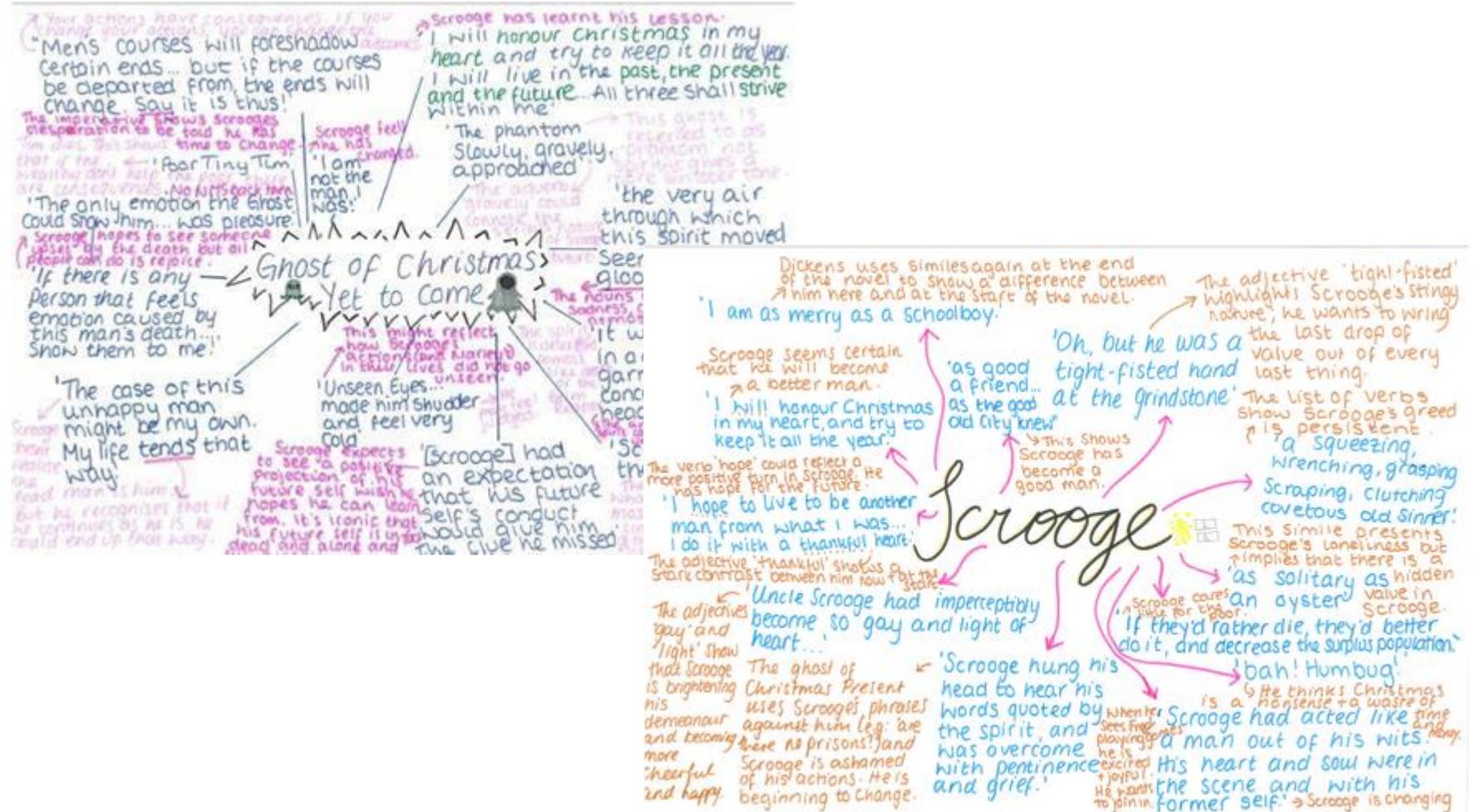


Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



2) Mind-maps are used extensively to organise essay structures and recall of quotes/ideas



Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



3) Anthology Poetry Revision sheets will be set for homework

Poetry Anthology Revision: Power and Conflict

Poem and Poet:

Five Key Quotes

Quote	Meaning and poetic technique

Place and time written about

What is the message about power or conflict?

Poems that link well

Poem	Link

Anthology
Revision
Sheet –post
to Google
classroom

Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



4) Cue cards/ flashcards are very effective – the process of creation and reading/re-reading

1:5:53

LM

come, thick night, and pull thee
in the dunnest smoke of hell

@UKStudyNotes

- imperative: come - power
- night connotes evil - link to 'spirits' & witches
 - ↳ LM has bad intentions, is cold 'dashed the brains out'
- noun 'smoke' connotes sight obstruction: M can't see the manipulation/influence of LM
 - ↳ reinforces 'night' → can't see
- Juxtaposition: heaven & hell. Portray two possible outcomes, which they end up in depends on actions
 - religion → inhumanity
- 'night' 'smoke' → people can't see her evil intentions as she hides it 'play the humble host' → act
 - ↳ she's a woman so people expect her to be innocent

1:3:37

witches

"The charm's wound up"

@UKStudyNotes

- metaphor: fate is predetermined
 - ↳ their magic has set up a clockwork mechanism in which Macbeth would appear to have no choice or free will audience may sympathise & blame witches for regicide as they were believed to be evil and demonic
- 'charm' connotes magic & spells, heightens idea of spells from rhyming couplets - witches only characters that consistently talk in them
 - ↳ witches using power for bad → regicide. Women were powerless & proves it's the right choice as they can't w/power

Where to look for resources and online revision

Google Classroom

Each class has their own classroom plus a central Revision Hub with all past papers

The screenshot shows the Google Classroom interface with a grid of class cards. The cards include:

- Intervention Hub - Te... (Kerry Challinor)
- Alt Prov KS3/Me (Media Studies)
- 13S/EI (English)
- Revision Hub KS5
- 11B/Me (Media Studies)
- 10/Me6 - 2024/2025 |... (Media Studies)
- 10A/Me1 (Media Studies)
- Revision Hub KS4

The screenshot shows a Google Classroom page for '11X English'. The page has tabs for 'Classwork', 'People', and 'Grades'. The 'Classwork' tab is active, showing a list of items:

- A Christmas Carol
- ACC Revision Booklet (Posted Oct 31, 2024)
- ACC Quotes (Posted Oct 31, 2024)
- Y11 ACC REvision (Posted Oct 31, 2024)
- A Christmas Carol (Edited Jan 24, 2024)
- Macbeth
- Past questions (Posted Mar 16)
- Macbeth Key Quotes (Posted Oct 31, 2024)

Where to look for resources and online revision



Weekly homework

Every text covered

**Language paper
practice**

**Narrative and
transactional writing
techniques**

Independent revision

3 – Choose the Topics

Topic	Topic Detail	Specification Point
Plot: Stave One (A Christmas Carol)		
Plot: Stave Two (A Christmas Carol)		
Plot: Stave Three (A Christmas Carol)		
Plot: Stave Four (A Christmas Carol)		
Plot: Stave Five (A Christmas Carol)		
Characters: Ebenezer Scrooge (A Christmas Carol)		
Characters: The Cratchits (A Christmas Carol)		
Characters: The Ghosts (A Christmas Carol)		
Characters: Fred, Fezziwig & Belle (A Christmas Carol)		
Themes: Christmas (A Christmas Carol)		
Themes: Social Inequality (A Christmas Carol)		
Themes: Redemption (A Christmas Carol)		
Context (A Christmas Carol)		

HOW HOT IS MY ENGLISH LANGUAGE REVISION?

Practise identifying **AREDFOREST** in an article

Read example newspaper or magazine articles for ideas

Write a letter of complaint to somewhere you went to recently

Write a review of a book, film or series.

Write a talk on how to revise for exams.

Write an article: "A practical guide to..." (your choice)

LUKEWARM

RED HOT

Revise narrative / prose terminology

Learn spellings for key words / common errors

Revise the rules for using different types of punctuation

Complete a sample **Section A** (reading) paper for C1 or C2

Write a paragraph describing what's around you. Use:

- 5 senses
- imagery

Write a short story and ask your teacher for feedback

HOW HOT IS MY ENGLISH LITERATURE REVISION?

Read through the notes I made in class

Write about the effect of some key quotes

Make a poster for my room & look at it every day

Watch/ make notes on a revision video on YouTube or TikTok.

Search:

- 'plot summary'
- 'Key themes'
- 'Character analysis'
- 'Grade 9 analysis'

Plan an essay on a theme – include quotes, methods & context

Upgrade one of my essays using feedback

LUKEWARM

RED HOT

Practice learning some key quotes

Make cue cards and use them to test myself

Get someone else to test me on key ideas

Mind-map or brain-dump everything you remember – then check it

Make notes from an online article or exemplar essay

Write an essay on a particular theme & ask my teacher for feedback



Tips on how to support
your child with GCSE
Maths Revision

Welcome

- 1. Introduction and purpose**
- 2. Key insights and Common pitfalls**
- 3. Effective revision strategies**

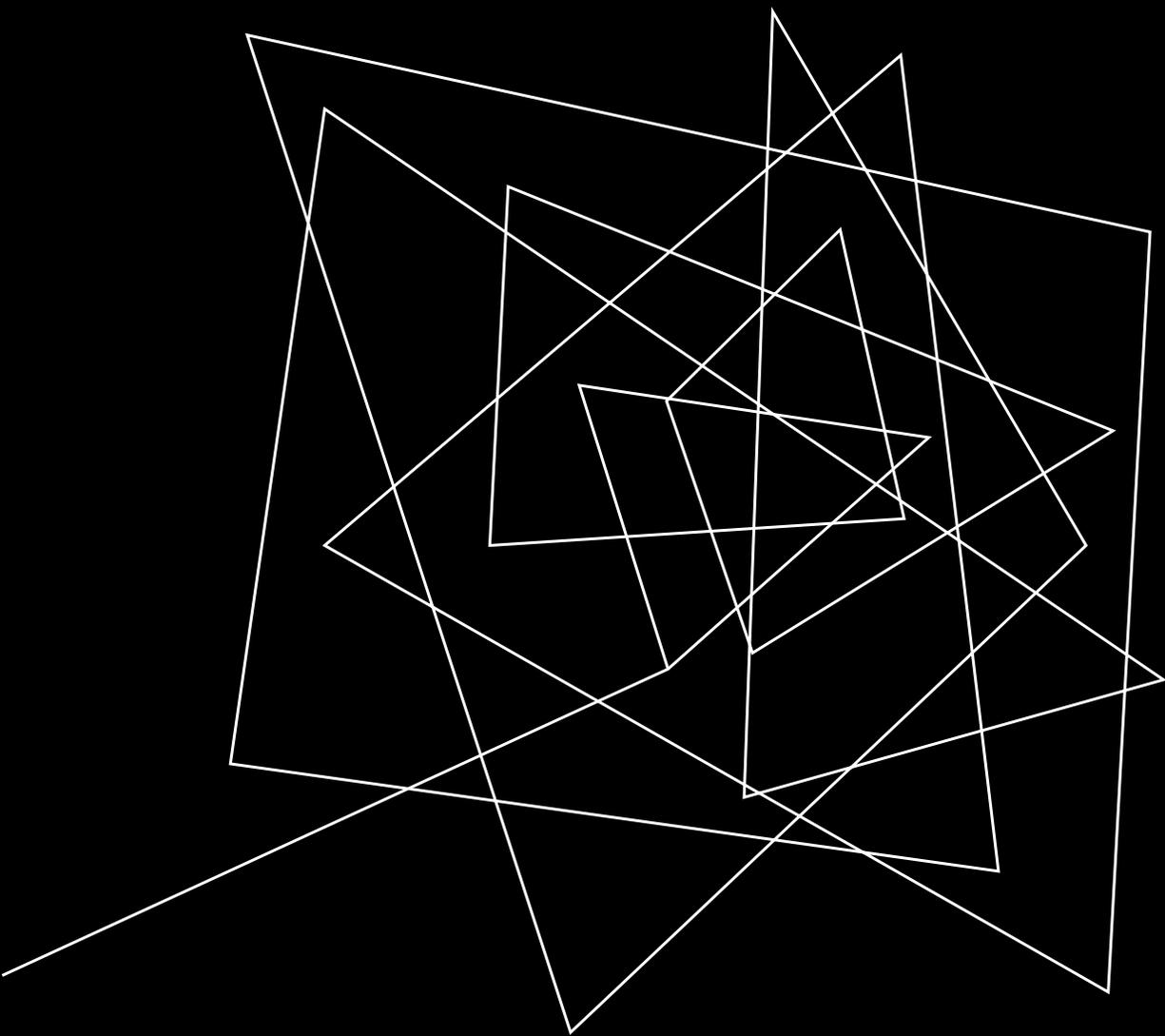
1. INTRODUCTION & PURPOSE

Reinforce the advice given to students in our lessons

Build confidence in parents so they feel they can support this

Work together to encourage students to take responsibility for their own learning

By sharing key insights, common pitfalls and good revision techniques



2. KEY INSIGHTS AND COMMON PITFALLS

“Revising for MATHS IS DIFFERENT”

Key insights

Emphasis on understanding rather than memorising.

Importance of communicating your work

Use of calculator

Common pitfalls

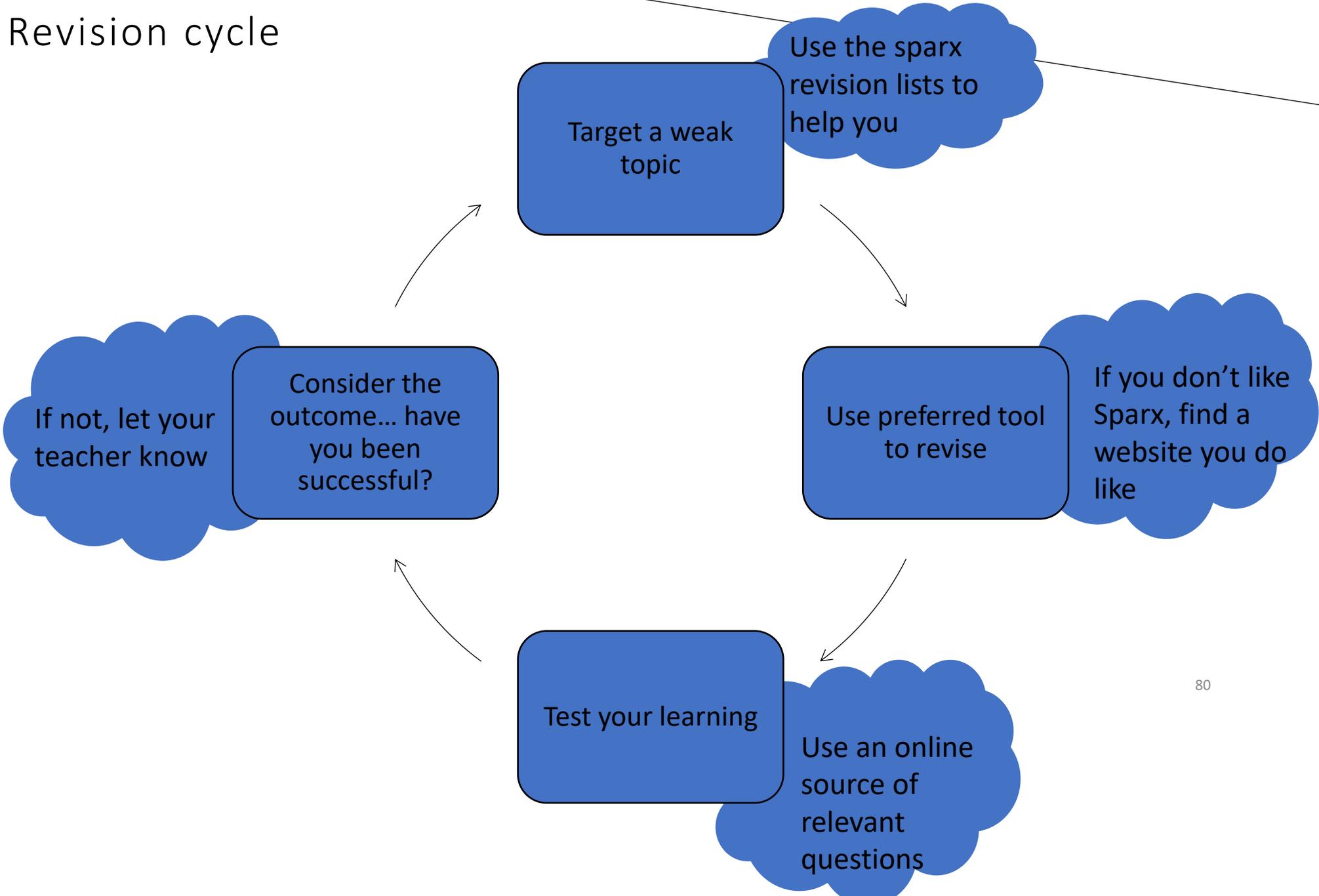
Students revising by reading rather than by doing

Completing lots of past papers without making progress

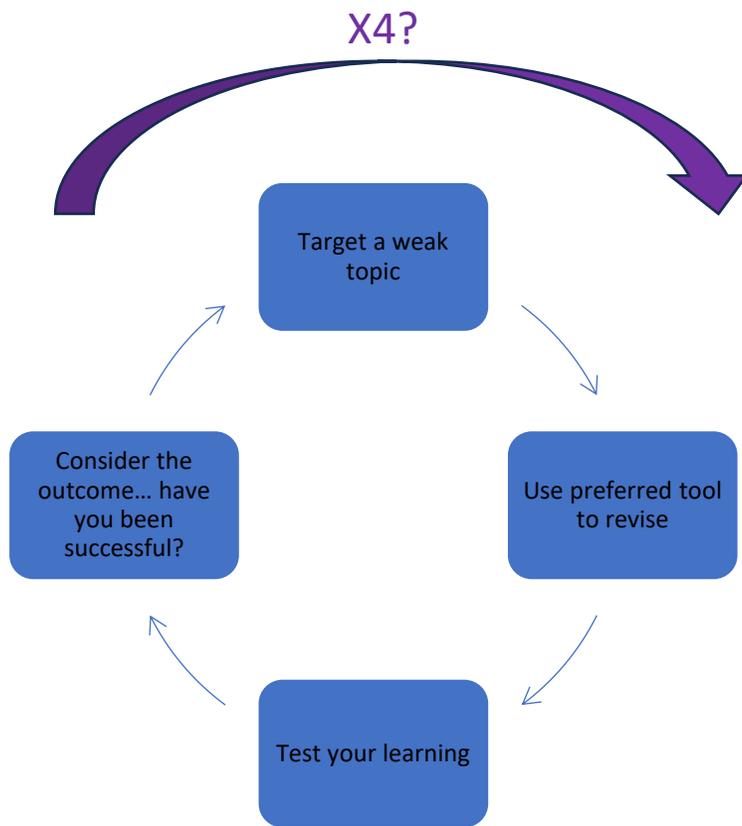
Unfamiliar calculator

3. Effective revision strategies

MATHS Revision cycle



How DO past papers Fit IN?



Complete a past paper after a set number of rounds around the cycle (eg 4)

Work under **timed exam conditions** (2hrs 15 mins) without any access to help/support

only use calculator for paper 2

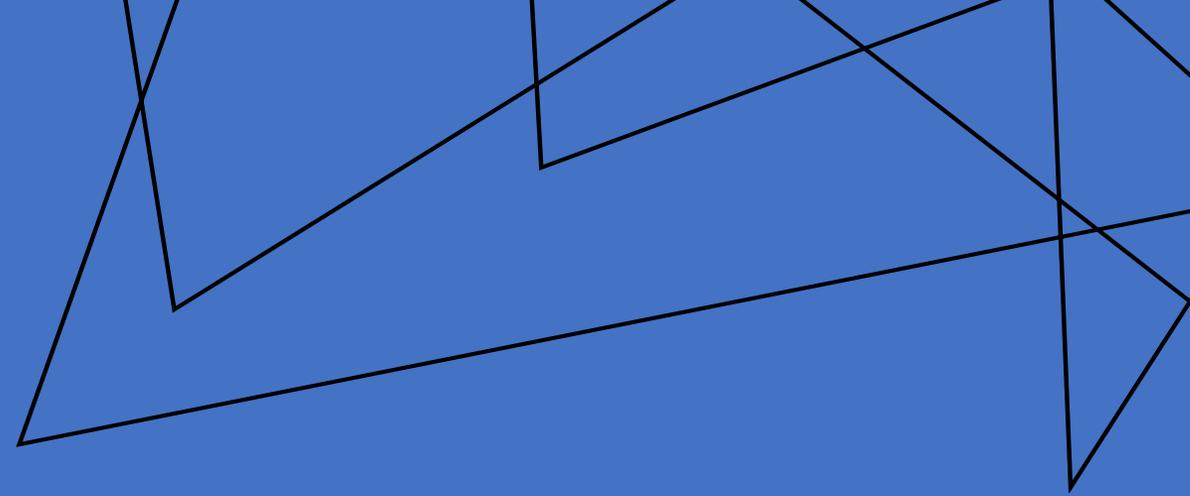
Aim for a better score than the previous past paper...only possible if you mark and grade each paper you try!

81

TOP TIP: WHEN THE TIME ENDS, CONTINUE WORKING IN A DIFFERENT COLOUR PEN. THIS WAY YOU CAN SEE WHAT YOU ARE MATHEMATICALLY CAPABLE OF VS. WHAT YOU CAN DO IN THE ALLOTTED TIME.

Goal: squeeze down the amount of work in that 2nd colour next time

Final tips & takeaways



The 3 main bits

- Follow the revision cycle
- Mix it up with regular past papers
- Get to know your calculator and the correct equipment

GCSE Maths Revision Checklist - Foundation

Unit	Unit / Topic	Complete
a	Integers and place value Types of number Use and order positive and negative numbers Use inequality symbols Four operations using positive and negative numbers Round numbers to nearest 10, 100, 1000 and use rounding for estimation	U347 U348 U417 U127 U453 U480
	Decimals Use decimals and place value Compare and order decimal numbers Four operations using decimal numbers Round to nearest whole number, decimal place & significant figures Use one calculation to check another	U435 U435 U478 U200 U989 U208 U171 U985 U225
	Indices, powers and roots Find squares and cubes Use index notation including negative powers Use laws of indices to multiply and divide numbers in index form Order of operations including powers and brackets Use of calculator	U851 U985 U984 U235 U976 U926
	Factors, multiples and primes Identify factors, multiples and prime numbers Find prime factorisation of a number (& write in index form) Find common factors & highest common factor Find LCM of two (or three) numbers	U211 U236 U739 U529 U75 U1260
b	Algebra: the basics Write an expression Collect like terms Simplify expressions Use index laws	U813 U106 U105 U962
	Expanding and factorising single brackets Expand single brackets Simplify expressions using squares and cubes Factorise expressions	U179 U179 U195 U102 U447
	Expressions and substitution into formulae Substitute into expressions involving brackets & powers Substitute into a formula (& word formula)	U201 U985 U144
	Tables Sort and classify data (inc tally charts) Extract data from lists and tables (inc timetables) Identify mode from a list & table	U653 U120 U981 U102 U200 U909
c	Charts and graphs Know which chart or diagram to use for different data sets Draw and interpret bar charts (inc dual & composite) Draw and interpret line graphs (vertical & time-series) Draw and interpret frequency polygons Draw and interpret pictograms Draw and interpret stem and leaf diagrams	U363 U557 U118 U590 U840 U506 U200 U909
	Pie charts Draw and use pie charts Find mode & total frequency from a pie chart Compare two pie charts	U508 U172 U520
	Scatter graphs Draw and use scatter graphs & lines of best fit Identify outliers & correlation	U199 U277 U128

GCSE Maths Revision Checklist - Foundation

Unit	Unit / Topic	Complete
8	3D forms and volume Identify and name 3D forms and their properties Volume of a cuboid Volume of a prism Volume of a composite forms	U719 U786 U174 U543
	Real-life graphs Use coordinates in all four quadrants Midpoints of a line segment Conversion graphs	U789 U833 U638 U610 U638
9	Straight-line graphs Draw, use and interpret (inc gradient) straight line graphs Identify parallel lines Find the equation of a line (including from a graph)	U741 U877 U315 U477 U848
	Transformations I: translations, rotations & reflections Transform and describe translations Transform and describe rotations Transform and describe reflections	U156 U896 U789
10	Transformations II: enlargements and combinations Transform and describe enlargements Transform shapes using a combination of transformations Describe transformations when using multiple transformations	U159 U786 U786
	Ratio Write ratios in their simplest form (including in context) Share a quantity in a given ratio (including 3-part ratios) Use a ratio to find one quantity when another is known Compare ratios Write ratio in the form 1:n or n:1 Write a ratio as a fraction and vice versa	U687 U577 U783 U687 U176
11	Proportion Use direct & inverse proportion (and recognise graphically) Best value Recipes Currency conversions	U156 U721 U357 U238 U721 U610
	Right-angled triangles: Pythagoras and trigonometry Pythagoras' Theorem Trigonometry - sin, cos and tan Know exact trig values	U195 U605 U283 U645 U627
a	Probability I Probability scale Listing outcomes Two-way tables & Frequency Trees Use 1-p	U803 U408 U104 U280 U883
	Probability II Relative frequency Sample space diagrams Venn diagrams & set notation Probability tree diagrams	U590 U104 U748 U206 U558

GCSE Maths Revision Checklist - Higher

Unit	Unit / Topic	Complete
a	Calculations, checking and rounding Four operations with decimals and whole numbers Use one calculation to find the answer to another Product rule Rounding & estimation	U417 U478 U735 U127 U253 U453 U986 U369 U480 U288 U71 U985 U222
	Indices, roots, reciprocals and fractional of operations Use index notation including fractional and negative powers Order of operations	U851 U985 U775 U978
	Factors, multiples and primes Identify factors, multiples and prime numbers Find prime factorisation of a number (& write in index form) Find common factors & highest common factor Find LCM of two (or three) numbers	U211 U236 U739 U721 U620 U250
	Standard form and surds Index laws to simplify & calculate the value of an expression Convert between ordinary numbers and standard form Work with the four operations in standard form Use a calculator with indices and standard form Simplify surd expressions	U262 U201 U330 U324 U264 U290 U161 U338 U333 U874 U499
b	Algebra: the basics Write an expression Collect like terms Simplify expressions Use index laws Expand single & double brackets Factorise single brackets Factorise quadratic expressions Factorise quadratic expressions using difference of two squares	U813 U106 U105 U962 U178 U768 U385 U178 U858 U983
	Setting up, rearranging and solving equations Set up expressions and equations Substitute into expressions, equations and formulae Solve linear equations and inequalities Solve the subject of a formula	U113 U990 U21 U525 U144 U328 U870 U505 U738 U337 U256 U434 U168
	Sequences Continue sequences inc from pictures Use nth term rule to generate or continue a sequence Find the nth term of a quadratic sequence Distinguish between arithmetic and geometric sequences Recognise and use simple geometric progressions Find term to term rule of a geometric sequence, including negative, fraction and decimal terms	U213 U488 U978 U330 U209 U680
	Averages and range Use various charts & diagrams in relation to averages Two-way tables Calculate the mean, mode, median and range from a list Modal class, median and estimate of the mean from grouped data Draw and interpret stem and leaf diagrams	U717 U381 U526 U46 U280 U291 U569 U277 U200 U909
c	Representing and interpreting data Know which chart or diagram to use for different data sets Draw and interpret bar charts (inc dual & composite) Draw and interpret line graphs (vertical & time-series) Draw and use pie charts Find mode & total frequency from a pie chart Compare two pie charts Produce and interpret histograms Compare distributions	U717 U381 U526 U46 U280 U291 U569 U277 U200 U909 U185 U814 U963 U920
	Scatter graphs Draw and use scatter graphs & lines of best fit	U199 U128

GCSE Maths Revision Checklist - Higher

Unit	Unit / Topic	Complete
a	Perimeter, area and circles Convert between metric measures Read scales Perimeter of 2D shapes Area of 2D shapes and compound shapes Name parts of a circle Recall & use formulae for area and circumference of a circle Recall & use formulae for area and circumference of a circle	U338 U468 U948 U810 U634 U361 U993 U575 U245 U187 U950 U804 U221 U373
	3D forms and volume, cylinders, cones and spheres Identify and name 3D forms and their properties Volume of a cuboid Volume of a prism Volume of a composite forms Surface area of prisms & simple compound forms Surface area & volume of a cylinder Spheres, pyramids, cones, frustums and composite solids.	U719 U761 U786 U174 U543 U426 U989 U142 U289 U615 U464 U871 U823 U334
	Accuracy and bearings Calculate the upper & lower bounds of numbers Calculate the upper & lower bounds of an expression Use error intervals (inc truncation)	U657 U687 U901
	Transformations Transform and describe translations, rotations & reflections Transform and describe enlargements inc fractional and negative SF Transform shapes using a combination of transformations Describe transformations when using multiple transformations Describe the changes & invariance achieved by combinations of transformations	U196 U986 U789 U159 U134 U726 U768
b	Constructions, loci and bearings Draw plans and elevations of shapes Draw a 3D form given its plan and elevations Use impo. scale drawings & bearings Standard constructions Find regions satisfying a combination of loci Find and describe regions satisfying a combination of loci, including in 3D Use constructions to solve loci problems including with bearings	U743 U743 U237 U526 U107 U678 U742 U445 U979 U820
	Solving quadratic and simultaneous equations Set up and solve quadratic equations Completing the square Quadratic Formula Solve simultaneous equations algebraically and graphically (linear/linear) Solve simultaneous equations algebraically and graphically (linear/quadratic) Solve simultaneous equations algebraically and graphically (linear/circle)	U860 U801 U589 U866 U600 U1257 U38 U647 U878 U967
	Inequalities On a number line Listing numbers that satisfy an inequality Solving inequalities and show the solution on a number line Represent and interpret inequalities graphically	U209 U759 U738 U145 U747 U133
	Probability Probability scale Listing outcomes Two-way tables Frequency trees Use 1-p Relative Frequency Sample space diagrams Venn diagrams & set notation Probability tree diagrams	U803 U408 U389 U104 U280 U683 U104 U417 U128 U989 U558 U723 U146
c	Multiplicative reasoning Use compound measures Pressure, Density & Speed Percentage profit / loss Reverse percentages Simple interest	U842 U527 U1 U278 U288 U633 U533 U296
	Plans and elevations 3D shape names and properties Sketch 3D forms Draw plans and elevations of shapes Draw a 3D form given its plan and elevations	U719 U781 U743 U743
	Constructions, loci and bearings Standard constructions Find regions satisfying a combination of loci Use mass and scale drawings Bearings	U187 U787 U245 U9 U820 U627 U520 U107
	Quadratic equations: expanding and factorising Expand double brackets Factorise quadratic expressions Solve quadratic equations	U657 U726 U688 U960
d	Quadratic equations: graphs Plot quadratic graphs Find solutions, intercepts & turning points of a quadratic graph	U688 U897 U801
	Circles, cylinders, cones and spheres Name parts of a circle Recall & use formulae for area and circumference of a circle Arcs and sectors Surface area & volume of a cylinder Spheres, pyramids, cones and composite solids.	U767 U624 U950 U221 U373 U464 U915 U871 U52 U993 U144
	Fractions and reciprocals Four operations with mixed number fractions Reciprocal of an integer, decimal or fractions	U793 U478 U5
	Indices and standard form Index laws to simplify & calculate the value of an expression Convert between ordinary numbers and standard form Work with the four operations in standard form Use a calculator with indices and standard form	U862 U585 U330 U334 U260 U264 U161
e	Similarity and congruence in 2D Use congruence criteria for triangles (SSS, SAS, ASA and RHS) Identify similar shapes Identify scale factors and find missing lengths in similar shapes	U730 U866 U591 U878 U827
	Vectors Understand and use column notation including drawing them Identify parallel column vectors Calculate using column vectors	U860 U803 U564
	Rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations Know the terms equation, identity, expression etc Change the subject of a formula Answer simple 'show that' questions Use inverse proportion involving graphs Recognise and sketch cubic functions Recognise and sketch reciprocal functions Solve simultaneous equations algebraically and graphically	U556 U882 U238 U780 U603 U838 U790

Unit	Unit / Topic	Complete
a	Fractions Equivalent fractions including simplifying & comparing Express one amount as a fraction of another Convert between mixed numbers and improper fractions Four operations using fractions Find a fraction of an amount Convert between recurring decimals to fractions and vice versa	U646 U746 U163 U492 U738 U478 U544 U881 U910 U900 U550
	Percentages Use fraction to decimal conversions Recognise terminating & recurring decimals Convert between fractions, decimals & percentages Order & compare fractions, decimals & percentages Write one amount as a percentage of another Calculate percentage of an amount Calculate percentage increase/decrease Use decimals to find quantities (multiplier methods) Increase / decrease an amount by a percentage Reverse percentages	U888 U590 U888 U594 U925 U654 U278 U349 U773 U871 U286
	Ratio and proportion Write ratios in their simplest form (including in context) Share a quantity in a given ratio (including 3-part ratios) Use a ratio to find one quantity when another is known Compare ratios Write ratio in the form 1:n or n:1 Write a ratio as a fraction and vice versa Write a ratio as a linear function Use direct & inverse proportion (and recognise graphically) Recipes Currency conversions	U687 U577 U596 U753 U865 U176 U238 U721 U367 U610
	Polygons, angles and parallel lines Measure and draw regular shapes: 2D & 3D shapes Identify parallel and perpendicular lines Use angle facts: angles at a point, straight line, vertically opposite etc Use angle properties of parallel lines Use sum of interior angles for regular polygons Use sum of exterior angles for regular polygons Use the side/angle properties of compound shapes made up of triangles, lines and quadrilaterals	U447 U121 U249 U826 U427 U520 U350
b	Pythagoras' Theorem and trigonometry Pythagoras' Theorem Trigonometry - sin, cos and tan Know exact trig values	U385 U645 U283 U70 U419
	Graphs: the basics and real-life graphs Use coordinates in all four quadrants Conversion graphs Fixed cost and cost per unit graphs Distance / time and Velocity / time graphs Midpoints of a line segment Calculate the length of a line segment	U789 U438 U810 U82 U256 U882 U403 U937 U233 U889
	Linear graphs and coordinate geometry Draw, use and interpret (inc gradient) straight line graphs Find the equation of a line through two points Find the equation of a line (including from a graph) Identify parallel & perpendicular lines Generate equations of parallel and perpendicular lines	U741 U848 U315 U477 U377 U377 U988
	Quadratic, cubic and other graphs Plot quadratic graphs Find solutions, intercepts & turning points of a quadratic graph Recognise and sketch cubic functions Recognise and sketch reciprocal functions	U880 U801 U867 U789 U880 U593

GCSE Maths Revision Checklist - Higher

Unit	Unit / Topic	Complete
12	Similarity and congruence in 2D and 3D Use congruence criteria for triangles (SSS, SAS, ASA and RHS) Use formal geometric proof involving similarity & congruence Identify similar shapes Identify scale factors and find missing lengths in similar shapes Use length, area and volume scale factors Area and surface area of frustums	U730 U866 U591 U878 U551 U654 U110 U4630 U334 U14350
	Graphs of trigonometric functions Recognise, sketch and interpret graphs of the trigonometric functions Exact trig values Further trigonometric functions	U460 U227 U319 U608 U487 U85
	Formulae for area of a triangle Sine rule in 2D and 3D Cosine rule in 2D and 3D Pythagoras Theorem in 3D	U992 U992 U681 U385
	Collecting data Types of data Bias and eliminating bias	U322 U162
13	Cumulative frequency, box plots and Histograms Construct & interpret cumulative frequency tables/graphs Median, quartiles & interquartile range from cumulative diagrams Construct & interpret box plots Median, quartiles & interquartile range from box plots Construct & histograms Estimate the mean and median from a histogram	U642 U879 U681 U185 U814 U683 U287
	Quadratics: expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics Sketch quadratics Identify roots, turning points and intercepts of quadratic graphs Completing the square Expand the product of more than two linear expressions Sketch cubics Solve simultaneous equations graphically Solve and represent quadratic inequalities	U606 U990 U875 U289 U133
	Circle theorems Parts of a circle Recall and apply circle theorems	U767 U25 U448 U130 U489 U907
	Circle geometry Recognise and construct the graph of a circle Find the equation of a tangent to a circle	U567 U567
14	Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof Rationalise the denominator involving surds Simplify, multiply and divide algebraic fractions Change the subject of a complex formula Algebraic Proof Functions & function notation Inverse functions Composite functions	U707 U481 U292 U457 U24 U598 U582 U837 U998 U448 U885
	Vectors and geometric proof Understand and use vector notation, including column notation Find the length of a vector Calculate the resultant of a vector Geometric problems in 2D where vectors are divided in a given ratio. Geometrical proofs to prove points are collinear & vectors are parallel	U632 U903 U864 U721 U680
	Reciprocal and exponential graphs: Gradient and area under graphs Recognise, sketch and interpret reciprocal graphs Calculate and interpret the area under a curve Calculate and interpret gradient of a tangent to a curve	U593 U880 U880

Number

Order of operations: Take care when using a calculator.

Brackets:

- Indices (or powers)
- Division and Multiplication
- Addition and Subtraction

Types of number:

Integer: a "whole" number

Factors: the divisors of an integer

- Factors of 12 are 1, 2, 3, 4, 6, 12
- Multiples: a "times table" for an integer (will continue indefinitely)
- Multiples of 12 are 12, 24, 36, ...
- Prime number: an integer which has exactly two factors (1 and the number itself). Note: 1 is not a prime number.

Units:

- 1 tonne = 1000 kilograms
- 1 kilogram = 1000 grams
- 1 kilometre = 1000 metres
- 1 metre = 1000 millimetres
- 1 centimetre = 10 millimetres

Time:

- 1 day = 24 hours
- 1 hour = 60 minutes = 3600 seconds
- 1 minute = 60 seconds

Standard graphs:

Equation of straight line $y = mx + c$

- m is the gradient; c is the y -intercept.
- Find the equation of the line that joins $(0, 3)$ to $(1, 1)$. Find its gradient.

Right-angled triangles:

Pythagoras Theorem: Links all three sides. No angles.

Special values of sin, cos, tan

Learn (or be able to find without a calculator)...

Trigonometry: Links two sides and one angle. SOH CAH TOA

Area and volumes:

- Area of triangle = $\frac{1}{2} \times \text{base} \times \text{height}$
- Volume of cuboid = $\text{length} \times \text{width} \times \text{height}$
- Area of trapezium = $\frac{1}{2}(a+b) \times h$
- Circumference of circle = $\pi \times d$
- Area of circle = πr^2
- Arc length = $\frac{\theta}{360} \times \pi \times d$
- Area of sector = $\frac{\theta}{360} \times \pi r^2$
- Volume of cylinder = $\pi r^2 \times \text{height}$
- Volume of prism = $\text{area of cross section} \times \text{length}$

Transformations:

- Reflection
- Rotation
- Translation
- Enlargement
- Scale factor
- Vector

Similar figures:

Equal angles in parallel lines: always use correct terminology...

Angles on a straight line total 180°

Angles in a full turn total 360°

Interior angles in a triangle total 180°

The sum of the interior angles of any polygon... or $180^\circ \times (n-2)$

Exterior angles always total 360°

Algebraic notation:

- $ab = a \times b$
- $3y = y + y + y$
- $a^2 = a \times a$
- $a^3 = a \times a \times a$
- $a^2b = a \times a \times b$
- $\frac{a}{b} = a \div b$

Simultaneous equations:

- Solve $2x + 3y = 11$
- $3x - 5y = 7$
- Multiply to match a term in x or y
- $10x + 15y = 35$
- $9x - 15y = 21$
- Add or subtract to cancel...
- $19x = 76$, so $x = 4$
- Substitute and solve...
- $2 \times 4 + 3y = 11$, so $y = 1$

Indices:

- $a^m \times a^n = a^{m+n}$
- $\frac{a^m}{a^n} = a^{m-n}$
- $(a^m)^n = a^{m \times n}$

Standard form:

Standard form numbers are of the form $a \times 10^n$, where $1 \leq a < 10$ and n is an integer.

Recurring decimals:

Make a recurring decimal a fraction:

- $x = 0.236$
- $10x = 2.36$
- $100x = 23.6$
- $99x = 23.4$
- $x = \frac{23.4}{99} = \frac{234}{990} = \frac{13}{55}$

Error intervals:

Find the range of numbers that will round to a given value:

- $x = 5.83$ (2 decimal places)
- $5.825 \leq x < 5.835$
- $y = 46$ (2 significant figures)
- $45.5 \leq y < 46.5$

Equations and identities:

An equation is true for some particular value of x .

- $2x + 1 = 7$ is true if $x = 3$
- $2x + 1 = 7$ is true for every value of x
- $(x + a)^2 = x^2 + 2ax + a^2$ (note the use of the symbol a)

Algebraic notation:

- $ab = a \times b$
- $3y = y + y + y$
- $a^2 = a \times a$
- $a^3 = a \times a \times a$
- $a^2b = a \times a \times b$
- $\frac{a}{b} = a \div b$

Here is pretty much all the Foundation Tier content we could fit onto an A3 sheet of paper, including all the formulae you are required to know for GCSE. An arrow points to an illustrative example. The codes refer to the DfE subject content. Pin this to a wall, keep it on your desk, carry it in your bag, make notes on it (sorry, don't take it into the examination)...

Sequences:

Look for regular patterns:

1st	2nd	3rd	4th	5th
1	3	5	7	9

Square numbers ($n^2 = n \times n$):

1 ²	2 ²	3 ²	4 ²	5 ²
1	4	9	16	25

nth term of an arithmetic (linear) sequence is $a + nd$

- 1st term is a
- d is the common difference

nth term of a quadratic sequence is $an^2 + bn + c$

nth term of a cubic sequence is $an^3 + bn^2 + cn + d$

Probability:

Probability of an event occurring = $\frac{\text{Number of favourable outcomes}}{\text{Total number of possible outcomes}}$

Statistics:

Mean = $\frac{\text{Sum of all the data}}{\text{Number of items of data}}$

Median = the middle value of the data

Mode = the most frequently occurring value

Range = the difference between the highest and lowest values

Interquartile Range (IQR) = $Q3 - Q1$

Standard deviation = a measure of the spread of the data

Number:

Look for the biggest square number factor of the number

$\sqrt{80} = \sqrt{16 \times 5} = 4\sqrt{5}$

Standard form:

Standard form numbers are of the form $a \times 10^n$, where $1 \leq a < 10$ and n is an integer.

Recurring decimals:

Make a recurring decimal a fraction:

- $x = 0.236$
- $10x = 2.36$
- $100x = 23.6$
- $99x = 23.4$
- $x = \frac{23.4}{99} = \frac{234}{990} = \frac{13}{55}$

Error intervals:

Find the range of numbers that will round to a given value:

- $x = 5.83$ (2 decimal places)
- $5.825 \leq x < 5.835$
- $y = 46$ (2 significant figures)
- $45.5 \leq y < 46.5$

Equations and identities:

An equation is true for some particular value of x .

- $2x + 1 = 7$ is true if $x = 3$
- $2x + 1 = 7$ is true for every value of x
- $(x + a)^2 = x^2 + 2ax + a^2$ (note the use of the symbol a)

Algebraic notation:

- $ab = a \times b$
- $3y = y + y + y$
- $a^2 = a \times a$
- $a^3 = a \times a \times a$
- $a^2b = a \times a \times b$
- $\frac{a}{b} = a \div b$

Here is pretty much all the Higher Tier content we could fit onto an A3 sheet of paper, including all the formulae you are required to know for GCSE. An arrow points to an illustrative example. The codes refer to the DfE subject content. Pin this to a wall, keep it on your desk, carry it in your bag, make notes on it (sorry, don't take it into the examination)...

Sequences:

Look for regular patterns:

1st	2nd	3rd	4th	5th
1	3	5	7	9

Square numbers ($n^2 = n \times n$):

1 ²	2 ²	3 ²	4 ²	5 ²
1	4	9	16	25

nth term of an arithmetic (linear) sequence is $a + nd$

- 1st term is a
- d is the common difference

nth term of a quadratic sequence is $an^2 + bn + c$

nth term of a cubic sequence is $an^3 + bn^2 + cn + d$

Probability:

Probability of an event occurring = $\frac{\text{Number of favourable outcomes}}{\text{Total number of possible outcomes}}$

Statistics:

Mean = $\frac{\text{Sum of all the data}}{\text{Number of items of data}}$

Median = the middle value of the data

Mode = the most frequently occurring value

Range = the difference between the highest and lowest values

Interquartile Range (IQR) = $Q3 - Q1$

Standard deviation = a measure of the spread of the data

Number:

Look for the biggest square number factor of the number

$\sqrt{80} = \sqrt{16 \times 5} = 4\sqrt{5}$

Standard form:

Standard form numbers are of the form $a \times 10^n$, where $1 \leq a < 10$ and n is an integer.

Recurring decimals:

Make a recurring decimal a fraction:

- $x = 0.236$
- $10x = 2.36$
- $100x = 23.6$
- $99x = 23.4$
- $x = \frac{23.4}{99} = \frac{234}{990} = \frac{13}{55}$

Error intervals:

Find the range of numbers that will round to a given value:

- $x = 5.83$ (2 decimal places)
- $5.825 \leq x < 5.835$
- $y = 46$ (2 significant figures)
- $45.5 \leq y < 46.5$

Equations and identities:

An equation is true for some particular value of x .

- $2x + 1 = 7$ is true if $x = 3$
- $2x + 1 = 7$ is true for every value of x
- $(x + a)^2 = x^2 + 2ax + a^2$ (note the use of the symbol a)

Algebraic notation:

- $ab = a \times b$
- $3y = y + y + y$
- $a^2 = a \times a$
- $a^3 = a \times a \times a$
- $a^2b = a \times a \times b$
- $\frac{a}{b} = a \div b$

Here is pretty much all the Higher Tier content we could fit onto an A3 sheet of paper, including all the formulae you are required to know for GCSE. An arrow points to an illustrative example. The codes refer to the DfE subject content. Pin this to a wall, keep it on your desk, carry it in your bag, make notes on it (sorry, don't take it into the examination)...

Sequences:

Look for regular patterns:

1st	2nd	3rd	4th	5th
1	3	5	7	9

Square numbers ($n^2 = n \times n$):

1 ²	2 ²	3 ²	4 ²	5 ²
1	4	9	16	25

nth term of an arithmetic (linear) sequence is $a + nd$

- 1st term is a
- d is the common difference

nth term of a quadratic sequence is $an^2 + bn + c$

nth term of a cubic sequence is $an^3 + bn^2 + cn + d$

Probability:

Probability of an event occurring = $\frac{\text{Number of favourable outcomes}}{\text{Total number of possible outcomes}}$

Statistics:

Mean = $\frac{\text{Sum of all the data}}{\text{Number of items of data}}$

Median = the middle value of the data

Mode = the most frequently occurring value

Range = the difference between the highest and lowest values

Interquartile Range (IQR) = $Q3 - Q1$

Standard deviation = a measure of the spread of the data

Number:

Look for the biggest square number factor of the number

$\sqrt{80} = \sqrt{16 \times 5} = 4\sqrt{5}$

Standard form:

Standard form numbers are of the form $a \times 10^n$, where $1 \leq a < 10$ and n is an integer.

Recurring decimals:

Make a recurring decimal a fraction:

- $x = 0.236$
- $10x = 2.36$
- $100x = 23.6$
- $99x = 23.4$
- $x = \frac{23.4}{99} = \frac{234}{990} = \frac{13}{55}$

Error intervals:

Find the range of numbers that will round to a given value:

- $x = 5.83$ (2 decimal places)
- $5.825 \leq x < 5.835$
- $y = 46$ (2 significant figures)
- $45.5 \leq y < 46.5$

Equations and identities:

An equation is true for some particular value of x .

- $2x + 1 = 7$ is true if $x = 3$
- $2x + 1 = 7$ is true for every value of x
- $(x + a)^2 = x^2 + 2ax + a^2$ (note the use of the symbol a)

Algebraic notation:

- $ab = a \times b$
- $3y = y + y + y$
- $a^2 = a \times a$
- $a^3 = a \times a \times a$
- $a^2b = a \times a \times b$
- $\frac{a}{b} = a \div b$

Here is pretty much all the Higher Tier content we could fit onto an A3 sheet of paper, including all the formulae you are required to know for GCSE. An arrow points to an illustrative example. The codes refer to the DfE subject content. Pin this to a wall, keep it on your desk, carry it in your bag, make notes on it (sorry, don't take it into the examination)...

Sequences:

Look for regular patterns:

1st	2nd	3rd	4th	5th
1	3	5	7	9

Square numbers ($n^2 = n \times n$):

1 ²	2 ²	3 ²	4 ²	5 ²
1	4	9	16	25

nth term of an arithmetic (linear) sequence is $a + nd$

- 1st term is a
- d is the common difference

nth term of a quadratic sequence is $an^2 + bn + c$

nth term of a cubic sequence is $an^3 + bn^2 + cn + d$

Probability:

Probability of an event occurring = $\frac{\text{Number of favourable outcomes}}{\text{Total number of possible outcomes}}$

Statistics:

Mean = $\frac{\text{Sum of all the data}}{\text{Number of items of data}}$

Median = the middle value of the data

Mode = the most frequently occurring value

Range = the difference between the highest and lowest values

Interquartile Range (IQR) = $Q3 - Q1$

Standard deviation = a measure of the spread of the data

Number:

Look for the biggest square number factor of the number

$\sqrt{80} = \sqrt{16 \times 5} = 4\sqrt{5}$

Standard form:

Standard form numbers are of the form $a \times 10^n$, where $1 \leq a < 10$ and n is an integer.

Recurring decimals:

Make a recurring decimal a fraction:

- $x = 0.236$
- $10x = 2.36$
- $100x = 23.6$
- $99x = 23.4$
- $x = \frac{23.4}{99} = \frac{234}{990} = \frac{13}{55}$

Error intervals:

Find the range of numbers that will round to a given value:

- $x = 5.83$ (2 decimal places)
- $5.825 \leq x < 5.835$
- $y = 46$ (2 significant figures)
- $45.5 \leq y < 46.5$

Equations and identities:

An equation is true for some particular value of x .

- $2x + 1 = 7$ is true if $x = 3$
- $2x + 1 = 7$ is true for every value of x
- $(x + a)^2 = x^2 + 2ax + a^2$ (note the use of the symbol a)

Algebraic notation:

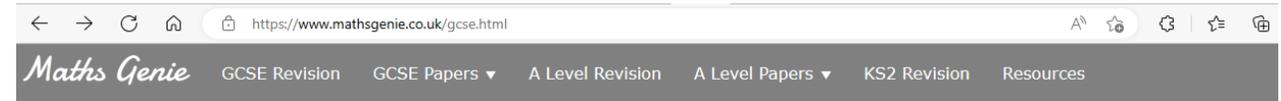
- $ab = a \times b$
- $3y = y + y + y$
- $a^2 = a \times a$
- $a^3 = a \times a \times a$
- $a^2b = a \times a \times b$
- $\frac{a}{b} = a \div b$

Useful websites

The screenshot shows the Sparx Maths Independent Learning interface. At the top left, the logo "Sparx Maths" is followed by "Independent Learning". A vertical sidebar on the left contains four icons: a star for "Compulsory", a lightning bolt for "XP Boost", a crown for "Target", and a lightbulb for "Independent Learning". The main content area is titled "Independent Learning" and features two tabs: "Find topics" (active) and "My activity". Below the tabs, there are three search filters: "Search for topics:" with a text input field containing "Enter topic name or code"; "Your curriculum:" with a dropdown menu set to "GCSE"; and "Default level:" with a dropdown menu set to "Level 3". Underneath, a "Select a topic:" section displays two blue buttons: "Number" with a calculator icon and "Algebra" with an x^2 icon.

Maths Genie – GCSE revision (videos/exam questions/solutions (watch video/make a revision card of key info (Funnelling)/ then practise exam questions and mark these)

- You should be doing at least 2 hours a week at home (in 1-hour slots)
- **Higher Students** – start with Grade 5 and above
- **Foundation Students** – Focus on Grade 5 and below
- Keep a note of what you have revised from your checklist (from Satchel:One)
- You have 6 weeks until the exam so start now to ensure success



Grade 5

Videos	Exam Questions	Exam Questions Booklet	Solutions
Writing a Ratio as a Fraction or Linear Function	Exam Questions Exam Questions	Ratio Fraction Problems Ratio Problems 2	Solutions Solutions
Direct and Inverse Proportion	Exam Questions	Direct and Inverse Proportion	Solutions
Reverse Percentages	Exam Questions	Reverse Percentages	Solutions
Standard Form	Exam Questions	Standard Form	Solutions
Speed and Density	Exam Questions	Compound Measures	Solutions
Changing the Subject of a Formula	Exam Questions	Changing the Subject of a Formula	Solutions

Grade 6

Videos	Exam Questions	Exam Questions Booklet	Solutions
Recurring Decimals to Fractions	Exam Questions	Converting Recurring Decimals to Fractions	Solutions
Fractional and Negative Indices	Exam Questions	Fractional and Negative Indices	Solutions
The Product Rule for Counting	Exam Questions	The Product Rule for Counting	Solutions
Repeated Percentage Change	Exam Questions	Repeated Percentage Change	Solutions
Expanding Triple Brackets	Exam Questions	Expanding Triple Brackets	Solutions
Parallel and Perpendicular Lines	Exam Questions	Parallel and Perpendicular Lines	Solutions
Inequalities on Graphs		Inequalities on Graphs	Solutions
Similar Shapes (Area and Volume)	Exam Questions	Similar Shapes (Area and Volume)	Solutions
Enlarging with Negative Scale Factors		Enlarging with Negative Scale Factors	Solutions
Circle Theorems	Exam Questions	Circle Theorems	Solutions
Cumulative Frequency		Cumulative Frequency	Solutions

Solving and Factorising Quadratics	Solutions
Quadratics	Solutions
Graphs	Solutions
Financial Graphs	Solutions

Physics and Maths Tutor - any exam board is fine



Foundation

- [Algebra and Graphs \(F\) MS](#)
- [Algebra and Graphs \(F\) QP](#)
- [Basic Algebra \(F\) MS](#)
- [Basic Algebra \(F\) QP](#)
- [Coordinates and Linear Graphs \(F\) MS](#)
- [Coordinates and Linear Graphs \(F\) QP](#)
- [Equations \(F\) MS](#)
- [Equations \(F\) QP](#)
- [Inequalities \(F\) MS](#)
- [Inequalities \(F\) QP](#)
- [Quadratic Graphs \(F\) MS](#)
- [Quadratic Graphs \(F\) QP](#)
- [Quadratics, Rearranging Formulae and Identities \(F\) MS](#)
- [Quadratics, Rearranging Formulae and Identities \(F\) QP](#)
- [Real Life Graphs \(F\) MS](#)
- [Real Life Graphs \(F\) QP](#)
- [Sequences \(F\) MS](#)

Higher

- [Algebraic Fractions \(H\) MS](#)
- [Algebraic Fractions \(H\) QP](#)
- [Coordinates and Linear Graphs \(H\) MS](#)
- [Coordinates and Linear Graphs \(H\) QP](#)
- [Equation of a Circle \(H\) MS](#)
- [Equation of a Circle \(H\) QP](#)
- [Further Equations and Graphs \(H\) MS](#)
- [Further Equations and Graphs \(H\) QP](#)
- [Further Quadratics, Rearranging Formulae and Identities \(H\) MS](#)
- [Further Quadratics, Rearranging Formulae and Identities \(H\) QP](#)
- [Further Sketching Graphs \(H\) MS](#)
- [Further Sketching Graphs \(H\) QP](#)
- [Inequalities \(H\) MS](#)
- [Inequalities \(H\) QP](#)
- [Linear and Quadratic Equations and Their Graphs \(H\) MS](#)
- [Linear and Quadratic Equations and Their Graphs \(H\) QP](#)
- [Numerical Methods \(H\) MS](#)

How is Eduqas GCSE Maths Different from Other Boards?

Eduqas' GCSE in Mathematics is very similar to the qualification offered by the other major exam boards. It's a 9-1 GCSE fully regulated by Ofqual, and the content of the qualification is also very similar.

However, our approach to assessment sets us apart. Unlike other exam boards,

Eduqas requires learners to sit just two exam papers instead of three – one calculator, one non-calculator. Each exam lasts 2 hours and 15 minutes, and each paper has equal weighting towards the final grade.

This reduces the overall number of exams learners must prepare for and sit.



The EverLearner

Sparx
Science



duolingo

duolingo



Seneca Learning

Sparx Maths



gcsepod
education on demand

What Apps can be used
to help revision?



Educake

Sparx Maths



Personalised Practice:
Tasks are tailored to your level, helping you focus on areas you need to improve.



Support Videos: Clear explanations for every topic to help you revise independently.



Bookwork Checks:
Encourages writing out answers to strengthen understanding.



Times Table Boost:
Regular practice to improve speed and accuracy.



Revision That Sticks:
Uses techniques like spaced repetition to help you remember more for longer.

Sparx Maths

Sparx Science



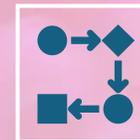
Weekly Homework:
Designed to match your lessons and help you review key topics.



Smart Questions:
Helps you think like a scientist and understand concepts deeply.



Instant Help: Every question comes with support to guide you if you're stuck.



Track Your Progress:
See how you're improving and what to focus on next.



Exam Ready: Covers all major GCSE topics with practice that builds confidence.

Sparx Science

English Literature

- **Text-Specific Quizzes:** Covers major GCSE texts like *Macbeth*, *An Inspector Calls*, *A Christmas Carol*, and poetry anthologies.
- **Focus on Key Skills:** Questions help with understanding plot, character, themes, and context.
- **Knowledge Recall:** Regular quizzes reinforce quotations, literary devices, and analysis.
- **Spaced Practice:** Helps keep texts fresh over time, avoiding last-minute cramming.
- **Confidence Building:** Familiarity with texts improves exam readiness and analytical writing.

English Language

- **Paper-Specific Practice:**
 - *Paper 1:* Fiction reading and creative writing.
 - *Paper 2:* Non-fiction reading and writing to present a viewpoint.
- **Model Responses:** Helps students understand what strong answers look like.
- **Skills Development:** Includes spelling, punctuation, grammar, proofreading, and vocabulary.
- **Instant Feedback:** Students learn from mistakes immediately and can retry quizzes.



General Benefits

- **Auto-Marked Quizzes:** Saves time and gives quick results.
- **Personalised Learning:** Students can quiz themselves or complete teacher-set tasks.
- **Progress Tracking:** Helps students and teachers identify strengths and areas to improve.

Design & Technology

- Covers key topics like materials, systems, and sustainability.
- Uses interactive content (GIFs, quizzes, podcasts) to make learning engaging.
- Helps students revise faster with spaced repetition and exam-board-aligned content.

IT & Computer Science

- Supports topics such as networks, cybersecurity, and programming.
- Offers gamified quizzes and podcasts to simplify complex ideas.
- Provides instant feedback and tracks progress to help students focus on areas for improvement.



Religious Education (RE)

- Covers major world religions and ethical themes.
- Includes videos, animations, and quizzes to explain beliefs and practices.
- Reinforces understanding through varied formats and exam-board-specific content.



The EverLearner

- Exam-board specific content for CNAT Sport Studies and Sport Science.
- Interactive revision tools including mock exams, model answers, and infographics.
- Flexible learning: Students can revise at their own pace, anytime.
- Live sessions: Focused on key topics like injuries, training, and media in sport.
- Confidence building: Low-stakes quizzes and structured note-taking help reinforce learning.
- Teacher support: Automated homework, analytics, and personalised assignments reduce workload and improve outcomes.



Revision Hub KS4

[Customize](#)

 Meet ⋮

[Generate link](#)

Class code ⋮

kcfgc2t 

Upcoming

No work due soon

 Announce something to your class ↕

 Thomas Kilsby posted a new material: 3.3 Water ⋮
Apr 18

 Thomas Kilsby posted a new material: 3.4 Desertification ⋮
Apr 18

 Thomas Kilsby posted a new material: 3.1 and 3.2 Ecosystems ⋮
Apr 18



COMPETITION

Year 11 Parent Update



- Weekly revision challenge using the apps below.
- Each week we choose a different app and track usage. Dates below.
- Weekly Amazon Voucher prize for top user and most improved user.
 - If your child wins, you get a prize too!

03/10/25

Sparx Maths

10/10/25

gcsepod
education on demand

17/10/25

Educake

24/10/25

SENECA

Sparx

Science

31/10/25





Sparx Maths

WHY ARE APPS A GOOD TOOL FOR REVISION?



gcsepod
education on demand



The EverLearner

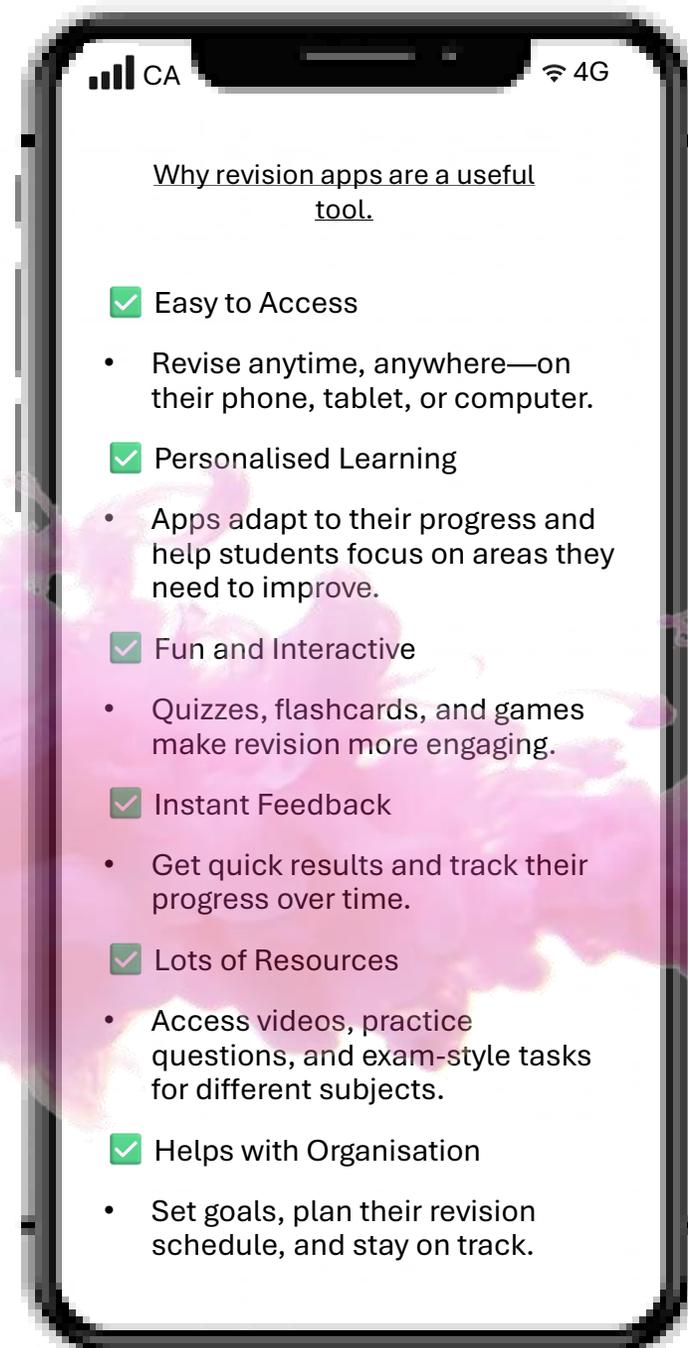


Educake



duolingo

duolingo



Why revision apps are a useful tool.

- ✓ Easy to Access
 - Revise anytime, anywhere—on their phone, tablet, or computer.
- ✓ Personalised Learning
 - Apps adapt to their progress and help students focus on areas they need to improve.
- ✓ Fun and Interactive
 - Quizzes, flashcards, and games make revision more engaging.
- ✓ Instant Feedback
 - Get quick results and track their progress over time.
- ✓ Lots of Resources
 - Access videos, practice questions, and exam-style tasks for different subjects.
- ✓ Helps with Organisation
 - Set goals, plan their revision schedule, and stay on track.



Science

Science revision programme



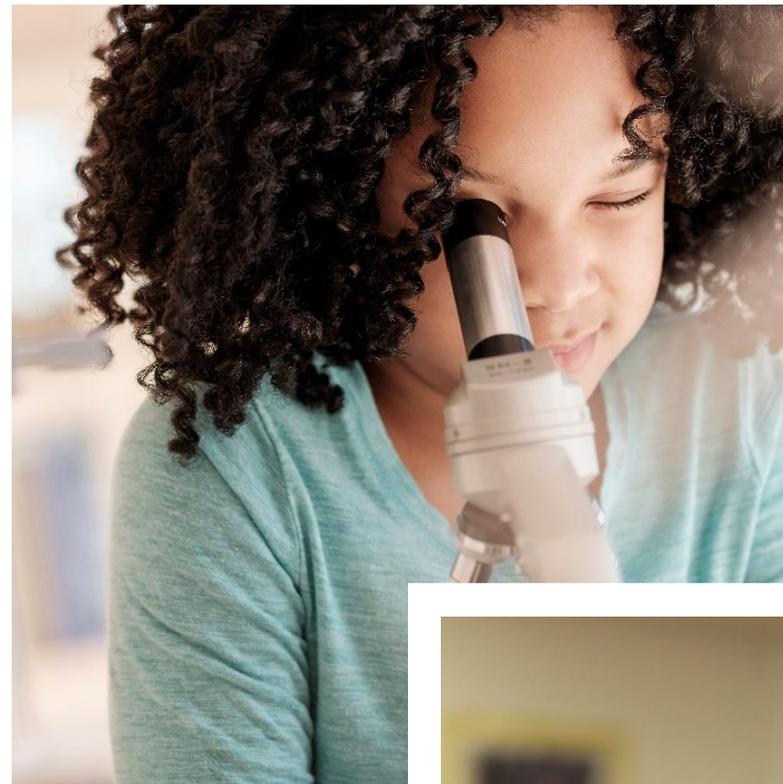
Learn



Practice



Check





PPE Science Assessment

Revision

September 2025-November 2025

Science revision
programme at
home



PPE planning

November PPEs

Paper 1 for Triple and Trilogy course

Biology

B1 Cells

B2 Organisation

B3 Infection and response

B4 Bioenergetics

Chemistry

C1 Atoms and Periodic table

C2 Structure and bonding

C3 Chemical Quantities

C4 Chemical Changes

C5 Energy Changes

Physics

P1 Energy

P2 Electricity

P3 Particle Model of matter

P4 Radioactivity

February PPEs

Paper 2 for Triple and Trilogy course

Biology

B5 Coordination and control

B6 Genetics

B7 Variation and evolution

B8 Ecology

Chemistry

C6 Rates of reaction

C7 Hydrocarbons

C8 Chemical Analysis

C9 The Atmosphere

C10 Sustainable development

Physics

P5 Forces and motion

P6 Waves

P7 Electromagnetism

P8 Space – Triple Only

How we revise at Countesthorpe Academy

Blurting



It's all about testing yourself repeatedly and it engages active recall to help you remember.

Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



Pomodoro Technique



The Pomodoro method follows a basic pattern of 25 minutes of studying followed by a five-minute break, allowing for the perfect blend of study and rest.

Past Papers

Doing practice papers is one of the most important revision techniques. Do as many as you can under exam conditions to get used to the time pressure. Check your answers on the mark scheme.

Write your name here	
Course	Other name
Pearson Edexcel	Centre Number
Level 1/Level 2 GCSE (9-1)	Candidate Number
Mathematics	
Paper 2 (Calculator)	
Foundation Tier	
Thursday 7 June 2018 - Morning	Time allowed
Time: 1 hour 30 minutes	1MA1/2F

How can I support my child with revision?

Blurting

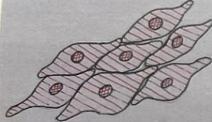
blurt

It's all about testing yourself repeatedly and it engages active recall to help you remember.

MUSCLE

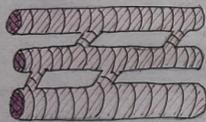
Muscles are effectors - they contract when stimulated by nervous impulses.
There are 3 types.

Smooth muscle



- found in lining of internal organs
- controls involuntary actions
- not striated, have a spindle shape
- each fibre contains a central nucleus
- contract slowly and do not fatigue

Cardiac muscle



- responsible for rhythmic contraction of the heart
- branching, intercalated, lightly striated and have a single nucleus per fibre
- myogenic

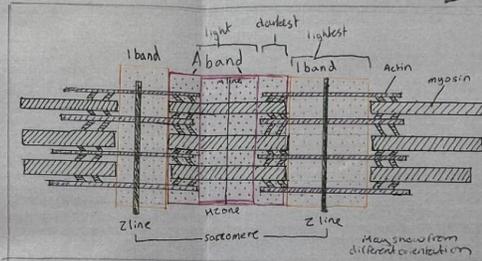
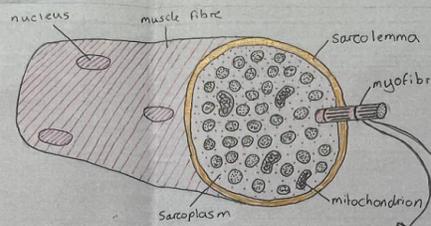
Skeletal muscle

- found attached to the skeleton and responsible for voluntary movement of bones
- run in parallel tracks and are multinucleated and heavily striated
- muscles attached to skeleton by tendons - musculo-skeletal system
- Antagonistic pairs - pairs of muscles

Structure:

- The cytoplasm is called the sarcoplasm
- The cell membrane is called the sarcolemma - this folds inward in places forming transverse tubules (T-tubules) which help to spread electrical impulses through the whole sarcoplasm
- lots of mitochondria
- multinucleated
- there is a network of internal membranes known as the sarcoplasmic reticulum which stores + releases Ca^{2+}

by Emma and Ruby



- Myofibrils are made up of 2 specialised proteins called:
 - actin - thin
 - myosin - thick
- They slide past each other to make muscles contract
- Myofibrils are made up of repeating units called sarcomeres

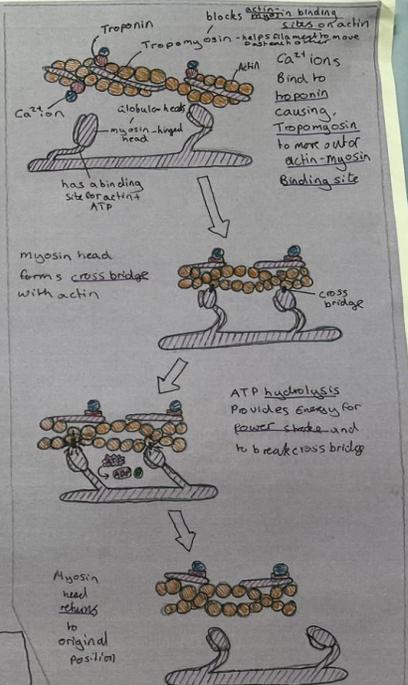
There are 2 types of muscle fibres slow twitch (dark) and fast twitch (light):

Slow twitch	Fast twitch
• contract slowly, slow to fatigue, used for endurance	• contract quickly, fatigue quickly, used for short bursts of speed + power
• Energy is released slowly from aerobic respiration	• Energy is released through anaerobic respiration
• lots of mitochondria	• Few mitochondria, instead vessels

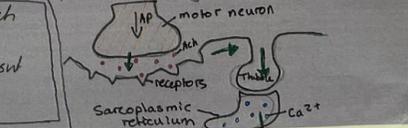
Different muscles have different proportions depending on their use

- muscles contract through the shortening of each sarcomere through the sliding filament model.
- A band stays the same length as the myosin filament doesn't shorten
- I band and H zone gets shorter

zero order straight line graph Half-life ($t_{1/2}$) is the time



If threshold potential is reached, then an AP will be initiated from motor neurone to the muscle fibre. The impulse travels along the sarcolemma and down T-tubules which allow transmission of AP into sarcoplasm. Depolarisation causes Ca^{2+} ions to be released leading to contraction.

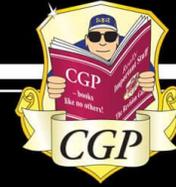


Funnelling

Funnelling is a great way to ensure you have covered the information several times, and end up with a really good understanding of everything from the big to the small.



CGP



GCSE AQA Combined Science

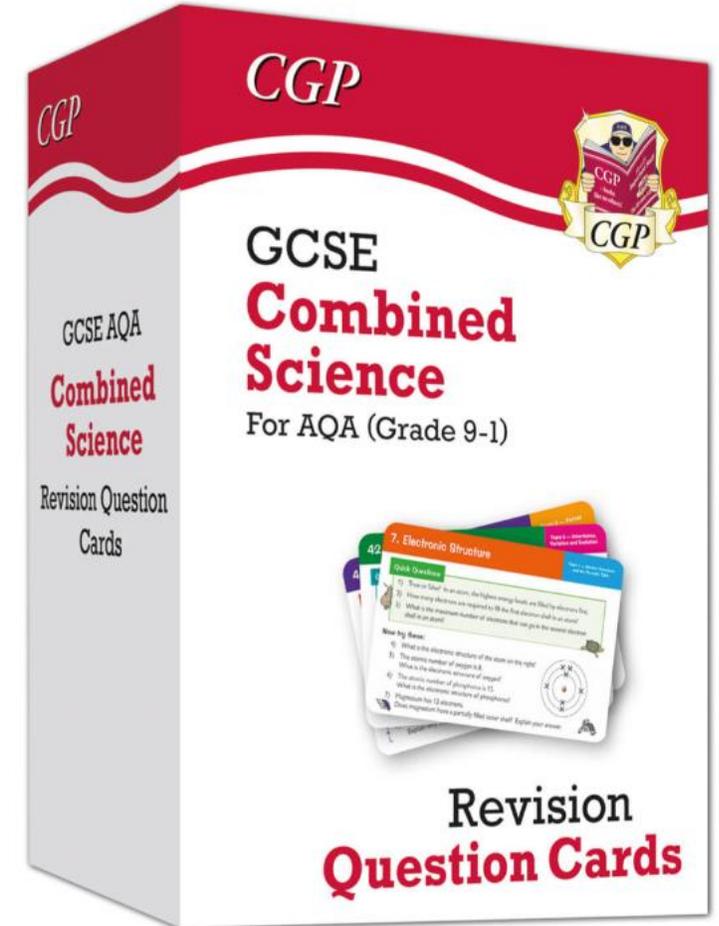
Foundation Level

Complete Revision & Practice

with new **CGP RevisionHub**

New **CGP RevisionHub** includes:

- Quick Quizzes
- Summary Tests
- Videos
- Online Edition
- And much more...





ON-Line resource banks



Sparkx Science—
computer assessed
and teacher
monitored

Physics and maths
tutor – key word cards,
mindmaps, topic
questions and
answers

GCSE pod – revision
materials and practice
questions

Walk through of exam papers
Useful to see and practice exam technique and
understand what questions ask

GCSE Combined Science: Trilogy 8464

[Specification](#) [Planning resources](#) [Teaching resources](#) [Assessment resources](#) [Key dates](#)

Hide filters 

[<](#) [1](#) [2](#) [3](#) [4](#) [>](#)

Relevance 

Items per page [10](#) 

Search resources



Showing 474 results

Resource Type 

- Centre Declaration Forms (4)
- Examiner Reports (51)
- Examiners Reports (12)
- Grade Descriptors (1)
- Mark Schemes (86)
- Notes and Guidance (4)



Using our assessment tools to plan and teach

</resources/assess/using-our-assessment-tools>



Add to favourites



Chemistry - Question paper (Higher) : Paper 1 Chemistry - June 2019

Published 07 Jan 2021 | 1.1 MB | PDF



Add to favourites

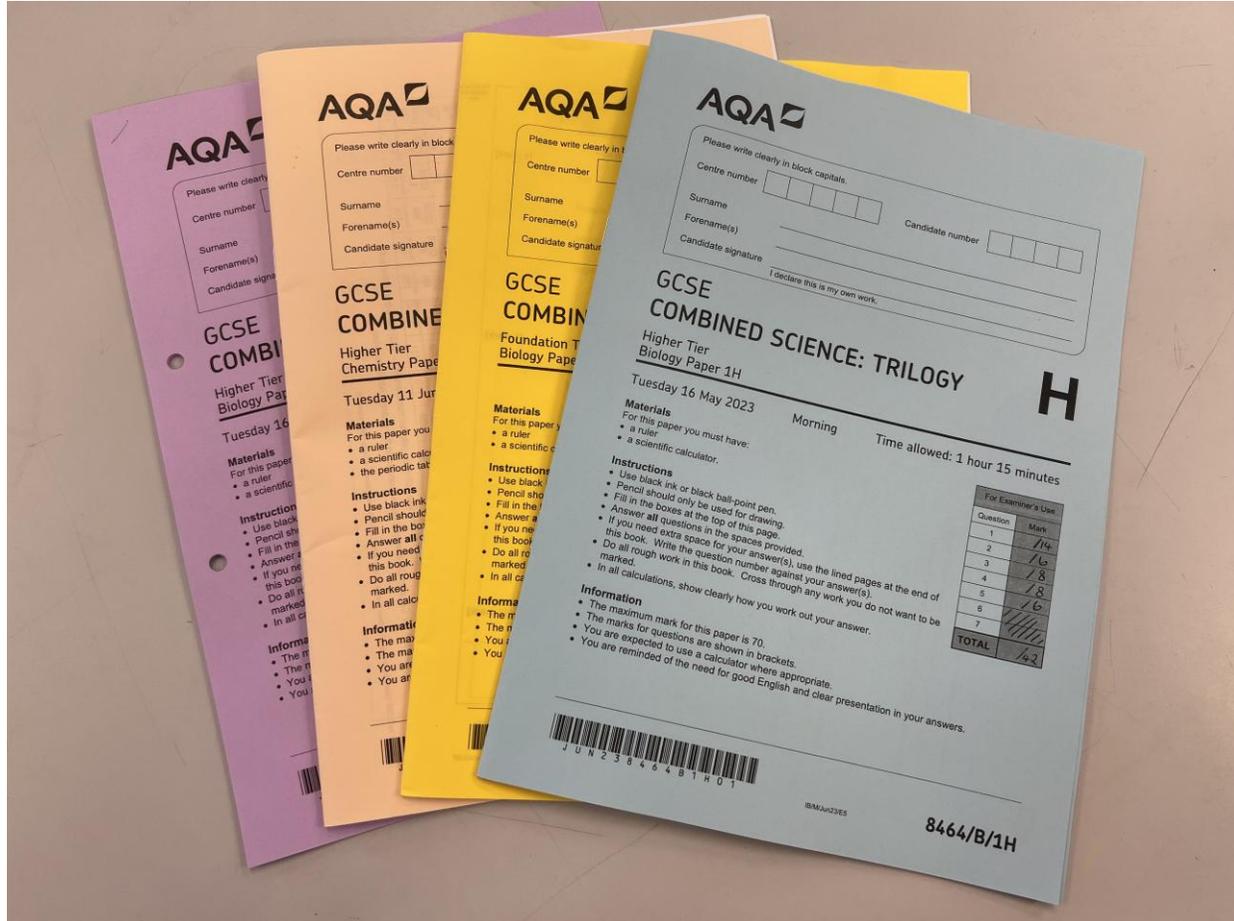


Chemistry - Mark scheme (Higher) : Paper 2 Chemistry - June 2023

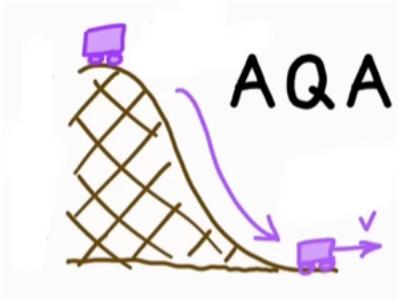
Published 07 Dec 2024 | 355.94 KB | PDF



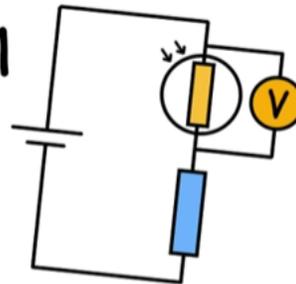
Add to favourites



Exam practice
Use the mark
scheme
Time yourself
Exam walkthroughs



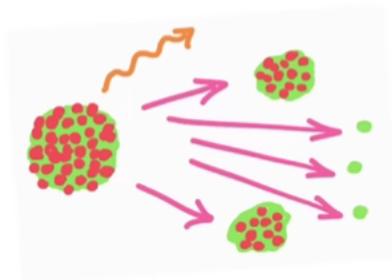
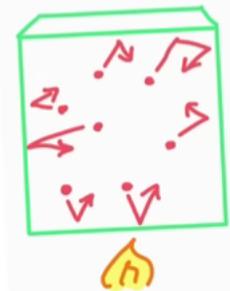
AQA GCSE Physics Paper 1



Triple/Separate

Double/Combined Trilogy

HT/FT



Watchable by clcc.college.

All of AQA PHYSICS Paper 1 in 40 minutes - GCSE Science Revision



Science Shorts 316K subscribers

Subscribe

11K



Share

Download

Clip



29.2.25	Completion of units C7 and C10				
3.3.25	Upgrading PPEs with standardised resources available on Google classroom				
10.3.25					
17.3.25					
24.3.25	Maths lesson (P1 Energy), workbooks and skill development in class to align before revision programme starts		Upload revision resources Google classroom (paper 1 and 2) Set first X2 half-paper exam Qs for MONDAY 31st		
31.3.25	BIO EXAM Q51 AHA	CHEM EXAM Q51 CFR	P1 KFO	B1 AHA	P2 KFO ISSUE QUESTIONS
7.4.25	PHYS EXAM Q51 KFO	B2 AHA	C1 CFR	B3 AHA	C2 CFR ISSUE BIO2 QS
Easter Holiday					
28.4.25	BIO EXAM Q52 AHA	C3 CFR	P3 KFO	B4 AHA	P4 KFO ISSUE CHEM QS
5.5.25	Bank holiday	B5 AHA	CHM EXAM Q52 CFR	C4 first half AHA	C4 CFR ISSUE PHYS Q52
12.5.25	AHA Bio workbook and ques	Biology Paper 1	PHYS EXAM Q52 KFO	AHA C5	KFO Chem exam questions
19.5.25	Chemistry Paper 1	PHYSICS AHA	PHYSICS REVISION CFR	Physics Paper 1	Uploaded remaining paper 2 resources including past

2	Lesson 3	Lesson 4	Lesson 5
		Chemistry PPE	
	Physics PPE		
C10			
Standardised resources available on Google classroom			
	workbooks in class to programme	Upload revision resources Google classroom (paper 1 and 2) Set first X2 half-paper exam Qs for MONDAY 31st	
M	P1 KFO	B1 AHA	P2 KFO ISSUE QUESTIONS
	C1 CFR	B3 AHA	C2 CFR ISSUE BIO2 QS
	P3 KFO	B4 AHA	P4 KFO ISSUE CHEM QS
	CHM EXAM Q52 CFR	C4 first half AHA	C4 CFR ISSUE PHYS Q52
	PHYS EXAM Q52 KFO	AHA C5	KFO Chem exam questions
HA	PHYSICS REVISION CFR	Physics Paper 1	Uploaded remaining paper 2 resources including past papers 2022/23

your revision programme shared on Google classroom
revision questions to support you.
resources available for you to use on your Google classroom.



Stream

Classwork

People

Grades



+ Create

All topics

Revision Hub KS4



Success in scie



Maths in scienc



Year 11 Revisior

Stream

Classwork

People

Grades

Students will see this topic once work is added to it

Science



GCSE Science past papers and mark sch...

Posted Oct 14, 2024



GCSE Science past pape...
Google Drive Folder

[View material](#)



Year 11 PPE Revision Competition

Over the next three weeks there will be **many more questions** on Sparx to help you prepare for your PPEs.

The **top two** students every week in **every year 11 class** will get a **PRIZE**.

The prizes will be for:

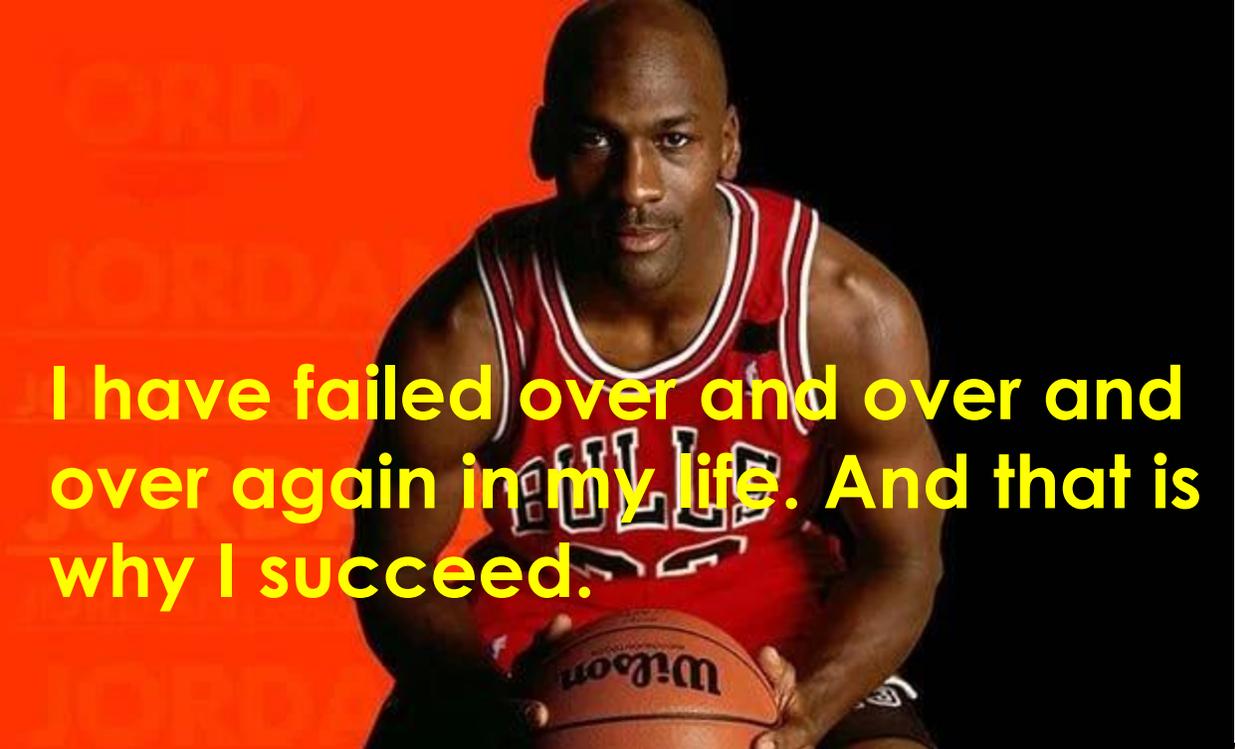
1. Who does the most
2. Who improves by the most
3. And an Amazon voucher for the overall winner each week!

There will also be a **PRIZE DRAW** after the PPE results come in:

If you achieve **Grade 4-** You will be entered for **one** prize draw

If you achieve a **Grade 5** – You will be entered for **two** prize draws

If you achieve a **Grade 7** – You will be entered for **three** prize draws



I have failed over and over and over again in my life. And that is why I succeed.



I have not failed.
I've just found
10,000 ways
that won't work.

-Thomas A. Edison



“ We must have
perseverance and
above all confidence
in ourselves. We
must believe that
we are gifted for
something and that
this thing must be
attained.

MARIE CURIE

A person in a dark suit is walking away from the camera on a long, straight road. The road has white dashed lines and a large white arrow pointing forward. The word "SUCCESS" is painted in large, white, stylized letters on the road surface. The background shows a vast, flat landscape under a dramatic, cloudy sky at sunset or sunrise.

Be the best you can be





Electronics –
useful or distracting?





Parenting a stressful teenager

What you might see...

Student	Parent response
Shouting, outbursts of emotion	Listening – understanding that this is a stressful time and the outburst isn't personal. Try to engage in why they feel cross, sad, emotional. Let them know you are there for them and this time will pass
Reluctance to work at home Or working endlessly!	Set boundaries and rewards – one hour of revision = time out at the weekend, set up a revision plan so both of you know how long they work for and when they can finish
Poor sleeping habits	Help them to settle into a routine, not to late to bed because they are up working or gaming!
Changes of mood and behaviour, excessive worrying, becoming a recluse	Be open to listen to worries or concerns from your child. Remind them that although their exams are important, they don't define them and all they can do is their best.



Headspace

A meditation app that acts as a personal guide to health and happiness



Mindshift

A free app designed to help teens and young adults cope with anxiety.



MoodGym

An online cognitive behaviour therapy program for depression and anxiety



Superbetter

Helps build resilience - the ability to stay strong, motivated and optimistic even in the face of difficult obstacles



Happify

Turns the latest innovations in the science of happiness into activities and games that help you lead a more fulfilling life.



Smiling Mind

A meditation program developed by psychologists and educators to help bring mindfulness into your life



Calm Harm

An app that helps young people manage the urge to self-harm.



Calm

Meditation techniques to aid with stress and sleep.

A person in a dark suit is walking away from the camera on a paved road. The road has white dashed lines and a large white arrow pointing forward. The word "SUCCESS" is painted in large, white, stylized letters on the road surface. The background shows a vast, flat landscape under a dramatic, cloudy sky at sunset or sunrise.

Be the best you can be

