

### NORTHGATE

#### High School

# Year 11 Revision Advice Evening

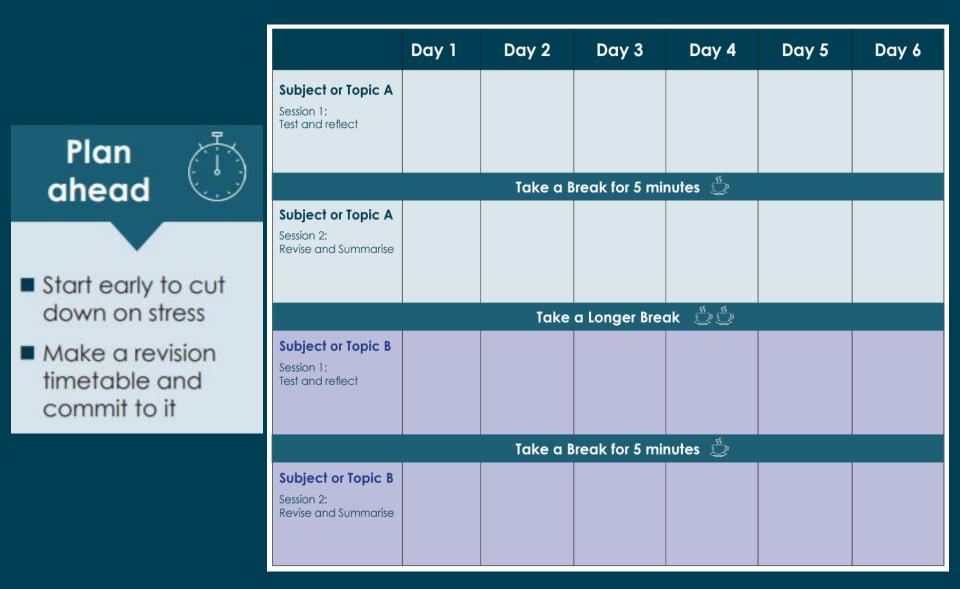
Wednesday, 31st January 2024

### Programme

- Revision tips
- Revision advice from our students
- Maths, English and Science
- Coping with exam anxiety
- Further advice from our students



### Tip 1: Start early – produce a realistic weekly revision timetable



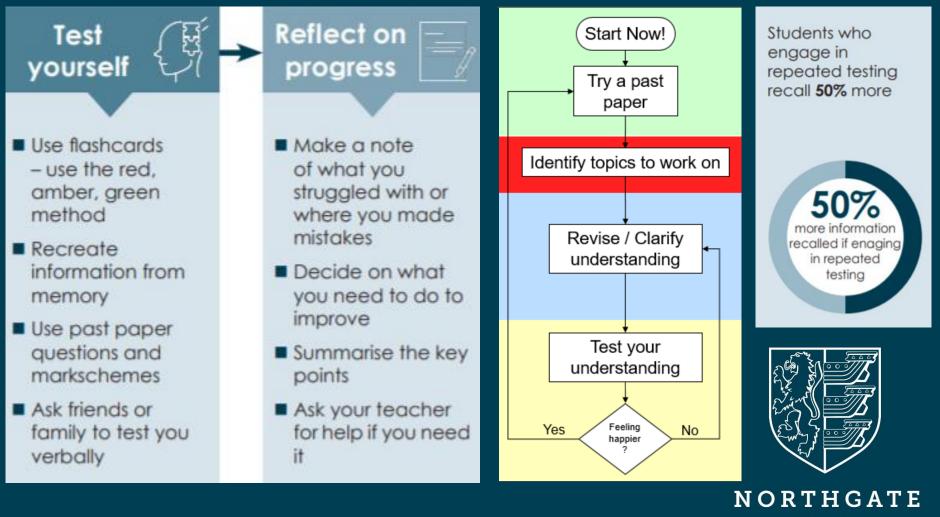
### Tip 2: Take regular breaks and avoid distractions



Before you start using this plan, you'll need to make sure you have all of the resources in place: Flashcards, mindmap or summary diagrams, exam questions.

of revision time is wasted

# Tip 3: Start with a test then focus on your weak areas



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### Tip 4: Use effective revision techniques

#### Flash cards



 Use flashcards

 use the red, amber, green method

- Recreate information from memory
- Use past paper questions and markschemes
- Ask friends or family to test you verbally

Do not spend a long time making flashcards. If you do, make sure they only contain the really important things you need to remember. E.g. Definitions, quotes, formulae.

They are only useful for memorisation if you use them regularly to test your knowledge.

#### **Red Amber Green Technique**

#### **Blank Page Retrieval**

- Put away your class materials and write or sketch everything you know about a topic. Mind mapping is a very good way to do this.
- Then, check your class materials for accuracy and important points you missed.
- Write in the information you missed using a different colour pen.

#### **Past paper Questions**

- Use a section from a relevant past paper, or relevant practice questions that could come up in the assessment.
- When you have finished make sure you use a mark scheme or an assessment checklist to identify gaps in your knowledge.
- Aim to recreate the conditions that you'll sit the assessment in e.g. you might ask someone at home to time you.



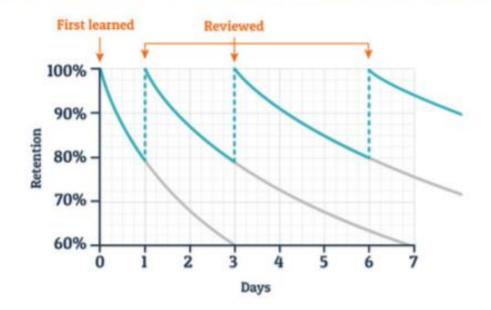
### Tip 5: Revisit previous learning

We start to forget information over time unless that information is actively reviewed time and time again.

If students take time to revisit key information then the effects of forgetting are decreased.

Ideally, important information should be revisited 24 hours after first learning. This will reduce the rate of memory loss. It should then be revisited again regularly.

#### Typical Forgetting Curve for Newly Learned Information





WARNING: If we do not revisit information, it is likely to disappear from our memory. Cramming for revision does not work. It overloads our memory and leads to limited understanding.

### To sum up ...

### As with most things in life, there are ways to make life easy for yourself when studying for exams

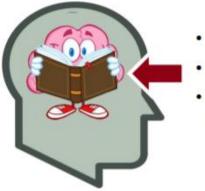
#### The long way

- Feels like less effort when you're studying
- Works eventually, but very slow process a lot of unnecessary study time

#### The smart way

- Feels like more effort when you're studying
- BUT gets you better results, much faster

#### **Pushing information INTO memory**



- Reading
- Making notes
- Highlighting / underlining

#### **Recall practice: testing yourself**



- Flashcards
- Doing test / exam questions without notes
- Summarising topic from memory on blank sheet

# Students

- How did you get organised?
- What revision techniques worked well for you?
- What resources did you find useful?



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### Revising for Maths, English and Science





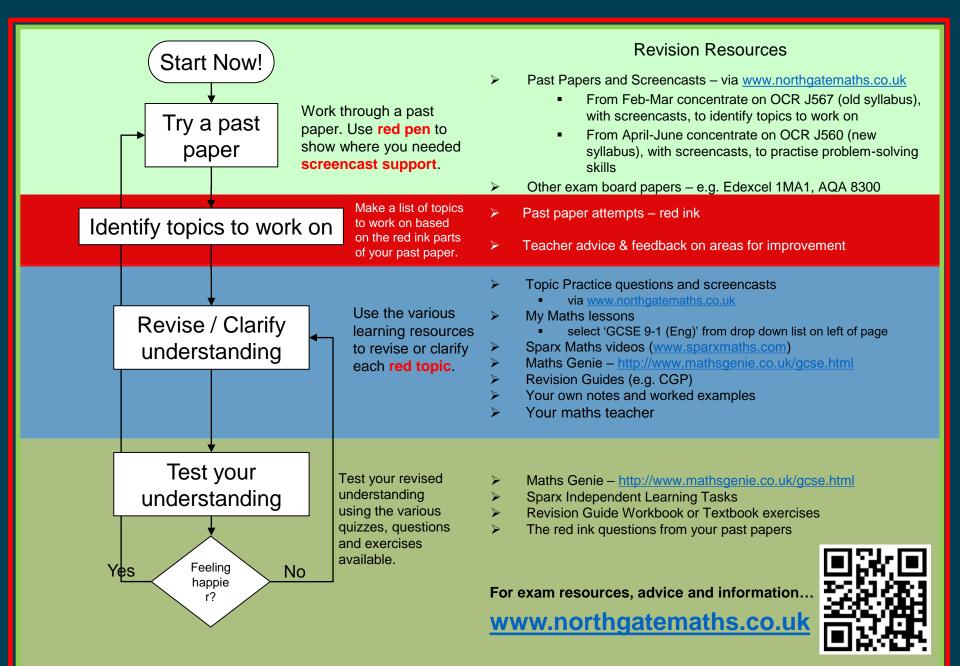


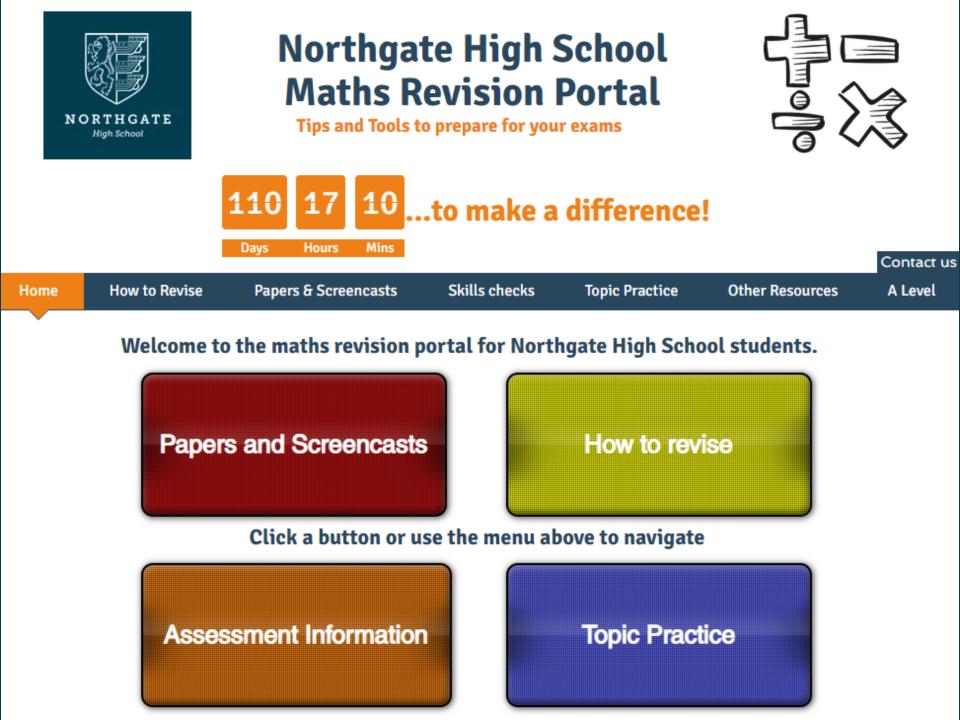
### northgatemaths.co.uk

### Password = pencil

For advice from past Year 12 students: <a href="https://youtu.be/zevWtSFUv44">https://youtu.be/zevWtSFUv44</a>







### J560 (New Syllabus) Higher Past Papers and Screencasts

#### Click here if the table is blank

#### Link to available Mark Schemes

Use the table below to find the past paper and screencasts you need. You can download the past paper as a PDF to print out and you can click on the Play link to go directly to the supporting screencasts on YouTube.

Year	Month	Туре	Paper 4 Download	Paper 4 Screencast	Paper 5 Download	Paper 5 Screencast	Paper 6 Download	Paper 6 Screencas
2015	Practice Set 1	Practice	Download	Play	Download	Play	Download	Play
2016	Practice Set 3	Practice	Download	Play	Download	Play	Download	Play
2016	Practice Set 2	Practice	Download	Play	Download	Play	Download	Play
2017	Nov	Past Paper	Download	Play	Download	Play	Download	Play
2017	June	Past Paper	Download	Play	Download	Play	Download	Play
2018	Nov	Past paper	Download	Play	Download	Play	Download	Play
2018	June	Past paper	Download	Play	Download	Play	Download	Play
2019	June	Past Paper	Download	Play	Download	Play	Download	Play
2019	Nov	Past Paper	Download	Play	Download	Play	Download	Play

	PouTube GB		Se	earch	Q 🌷
(c) (c)	Home Explore	The number of the state of the	1	4) (100 - 10 - 100) 4) (100 - 2) (100 - 100) 	J560 2019 November paper 4 Q1 Charlie Dawson
	Subscriptions Library	PLAY ALL	2	Antipartities and the second s	J560 2019 November paper 4 Q2 Charlie Dawson
С С Ц	History Watch later Liked videos	OCR J560 2019 Nov Paper 4 GCSE maths screencasts 19 videos • 827 views • Last updated on Nov 28,	3	2:30	J560 2019 November paper 4 Q3 Charlie Dawson
SUBS	CRIPTIONS Music	2020 ⇔ Unlisted =+ X, A	4	S:12	J560 2019 November paper 4 Q4 Charlie Dawson
000	Sports Gaming Movies & Shows	These are best used as support when doing a past paper. If you are unsure when doing the paper, play the screencast, but pause it as soon as you can so that you are doing the maths and not just watching the screencast.	5	**************************************	J560 2019 November paper 4 Q5 Charlie Dawson
•	E FROM YOUTUBE YouTube Premium	If you need to check your answer, just go to the end of the screencast. If you scroll straight to the end and copy it all down, you will get much better at copying, but your maths will not get better!	6	1:58	J560 2019 November paper 4 Q6 Charlie Dawson
	Movies & Shows Gaming	Any mistakes are ours, but many thanks to OCR for allowing me to upload these screencasts.	7	4:02	J560 2019 November paper 4 Q7 Charlie Dawson
(••) &	Live Fashion & Beauty Learning	Charlie Dawson SUBSCRIBE	8	Sector of a sector	J560 2019 November paper 4 Q8 Charlie Dawson
Ω	Sports		9	10 10 10 10 10 10 10 10 10 10	J560 2019 November paper 4 Q9 Charlie Dawson

# Maths Advice

- Students must resist the urge to use the screencasts to just copy answers.
- They should be used as an **aid** to prompt prior learning.
- The students need to be doing the Maths, not copying the Maths, as this will develop the deeper learning.
- There is a screencast on how to use screencasts on the How to Revise page of the website.



# English Language (AQA)

 Many Year 11s seem to believe the myth that you cannot revise for English Language because it is skills-based.

-This is wrong!



# English Language (AQA)

- Use the language past papers provided
   Ask your teachers
- Always work to teacher-taught timings per question.
- Learn the key **techniques** for each reading-style question.
- Practise lots of plans for the writing sections.



• Work on openings/endings and creating a carefully-structured written answer

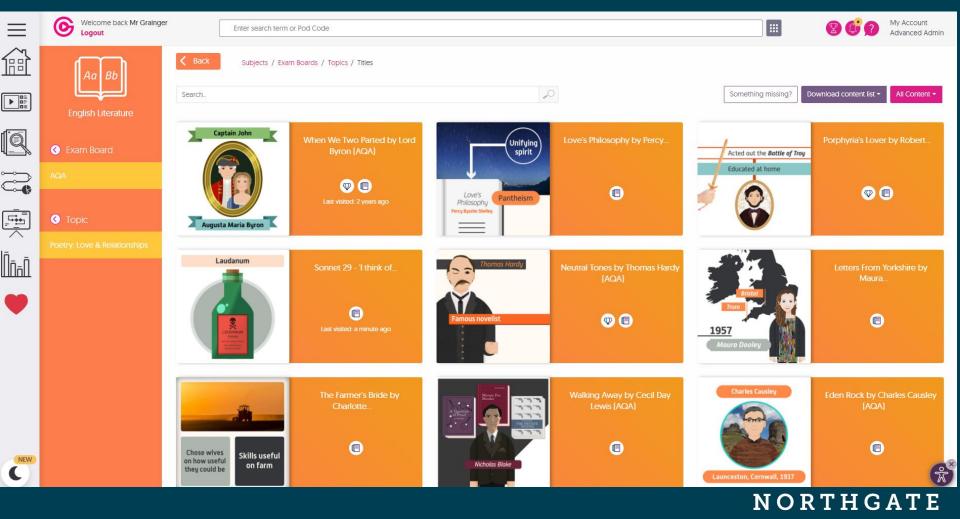
# English Literature (AQA)

Try using **flashcards** ...

- On one side:
  - Put the quotation you need to learn.
- On the other side:
  - Who said it?
  - When?
  - How is it said?
    - Language devices
  - Why is it important?
    - How does it connect to the message
      - of the play/novel/poem?



# GCSEpod



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# Mr Bruff - Youtube



HOME

VIDEOS

Mr Bruff

310K subscribers

PLAYLISTS

COMMUNITY

CHANNELS

ABOUT

Q

AQA English Language Playlists



AQA English Language Paper 1

Mr Bruff

Mr Bruff

VIEW FULL PLAYLIST

Updated 7 days ago

VIEW FULL PLAYLIST

55 =>

AQA English Language Paper 2

Mr Bruff Updated 7 days ago VIEW FULL PLAYLIST



Full Marks Exam Answers: **English Language** Mr Bruff VIEW FULL PLAYLIST



Grammar

Mr Bruff VIEW FULL PLAYLIST

#### **GCSE Poetry: Choose Your Cluster**



AQA 'Power and Conflict' Poetry







Edexcel 'Conflict' Poetry

Mr Bruff VIEW FULL PLAYLIST



Mr Bruff

VIEW FULL PLAYLIST



Mr Bruff

VIEW FULL PLAYLIST







SUBSCRIBE

OCR 'Love & Relationships' Poetry Mr Bruff VIEW FULL PLAYLIST

# **English Revision Guides**



PHYS	SICS	& M	ATHS	S TL	ЛOR
HOME REVISION COURSES	PAST PAPERS	GCSE/IGCSE	<b>FIND A TUTOR</b>	A-LEVEL	UNI ADMISSIONS
Home - English Revision - AQA G AQA GCSE Eng Paper 1 – Shakes	glish Revi		aper 2 – Mod	lorn Toyta	and Poetry
19th-centur	ry Novel			IEITI TEALS	and Foed y
Section Macbet				Section A: nspector Calls	
Section Romeo and				Section B: ve and Relation	nships
Section The Strange Case of Dr J				Section B: Power and Con	flict
Section A Christmas				Section C: seen Poetry	

#### Home > English Revision > AQA GCSE > Macbeth

### Macbeth

#### Notes

- Brief Overview
- Context
- Glossary of Key Terms
- Key Terms Flashcards

#### Exam Prep

- Guide to Paper 1 AQA English Literature GCSE
- Guide to Paper 1
- How to plan and write a top mark essay English Literature GCSE
- How to plan and write a top mark essay

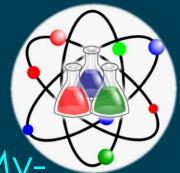
#### **Character Profiles**

- Banquo
- Lady Macbeth (Brief)
- Macbeth (Brief)
- Macduff
- The Witches

#### Themes

- Abuse of Power and Kingship
- Ambition
- Appearance vs Reality
- Gender
- Guilt, Innocence and Paranoia

# Sciences (AQA)



- Test (using exam paper questions, <u>My-GCSEScience.com</u> quizzes and criteria sheets).
- Diagnose 'weak areas'.
- Address weak areas (using the revision guides, videos and the Learning Portal resources).
- Don't forget the required practicals, the other practical skills and the maths skills.



## Criteria Sheets

#### Topic 4. Bioenergetics – Criteria sheet

#### 4.1 Photosynthesis

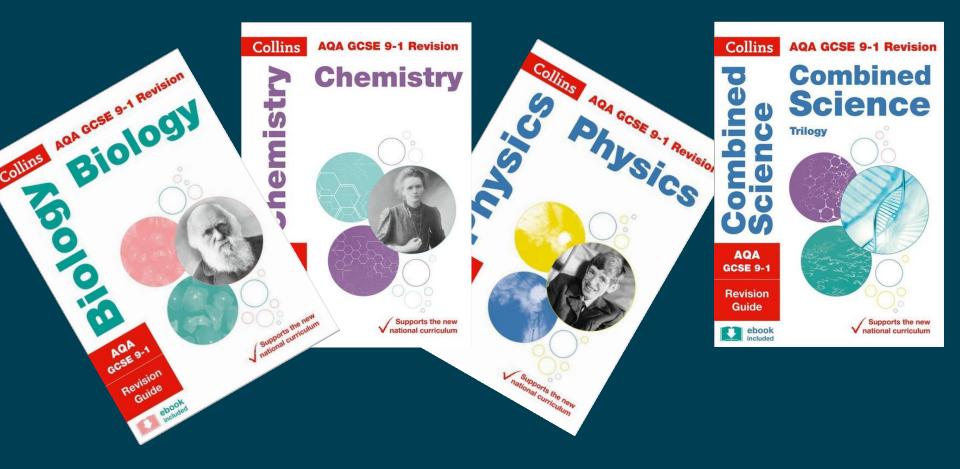
#### Photosynthetic reaction - p.42

Specification Content	8	Θ	Θ
Photosynthesis is represented by the equation:			
light			
carbon dioxide + water → glucose + oxygen			
Recognise the chemical symbols: $CO_2$ , $H_2O$ , $O_2$ and $C_6H_{12}O_6$ .			
Describe photosynthesis as an endothermic reaction in which energy is transferred from the environment to the chloroplasts by light.			

#### Rate of photosynthesis - p.42-43

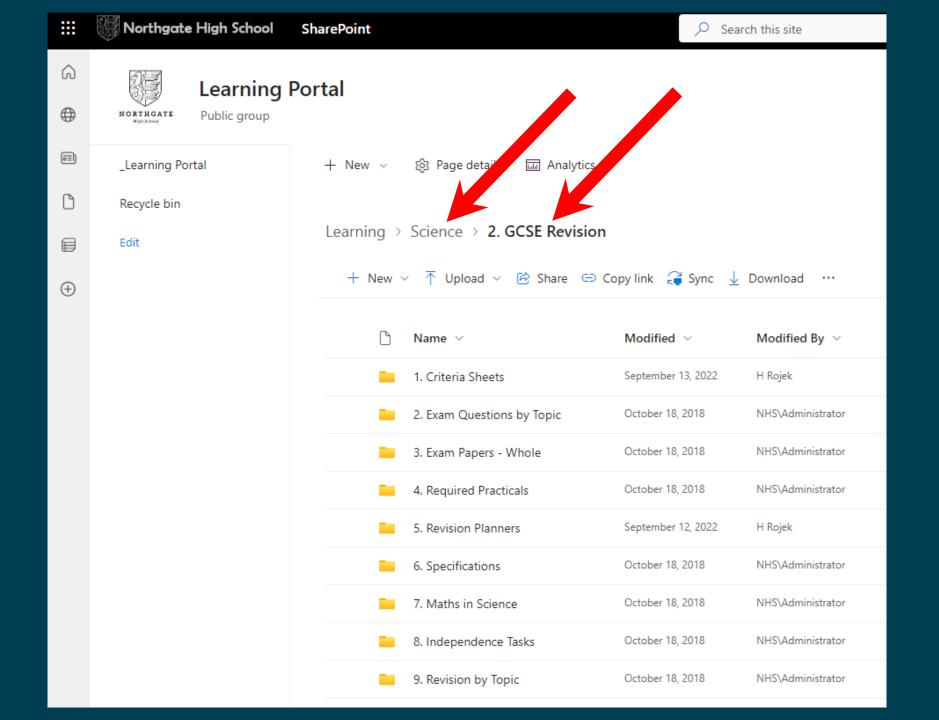
Specification Content	8	Θ	Θ
Explain the effects of temperature, light intensity, carbon dioxide concentration, and the amount of chlorophyll on the rate of photosynthesis.			
Be able to:			
<ul> <li>measure and calculate rates of photosynthesis</li> </ul>			
<ul> <li>extract and interpret graphs of photosynthesis rate involving one limiting factor</li> </ul>			
<ul> <li>plot and draw appropriate graphs selecting appropriate scale for axes</li> </ul>			
<ul> <li>translate information between graphical and numeric form.</li> </ul>			
(HT only) These factors interact and any one of them may be the factor that limits photosynthesis.			
(HT only) Students should be able to explain graphs of photosynthesis rate involving two or three factors and decide which is the limiting factor.			
(HT only) Students should understand and use inverse proportion - the inverse square law and light intensity in the context of photosynthesis.			
(HT only) Limiting factors are important in the economics of enhancing the conditions in greenhouses to gain the maximum rate of photosynthesis while still maintaining profit.			
(HT only) WS 1.4 Use data to relate limiting factors to the cost effectiveness of adding heat, light or carbon dioxide to greenhouses.			
RPA 6 <b>Investigate</b> the effect of light intensity on the rate of photosynthesis using an aquatic organism such as pondweed.			

### **Revision Guides**



# The Learning Portal



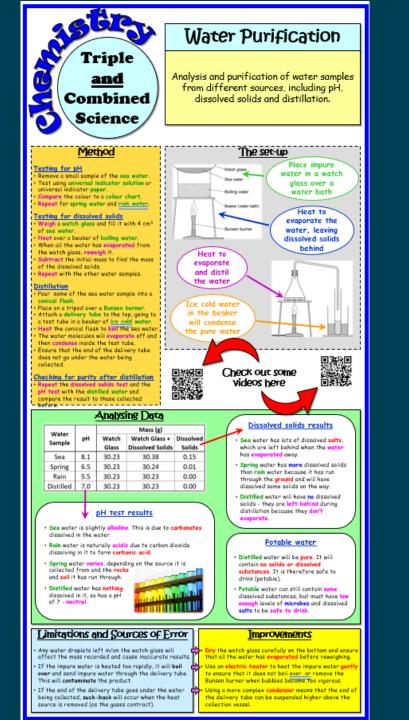


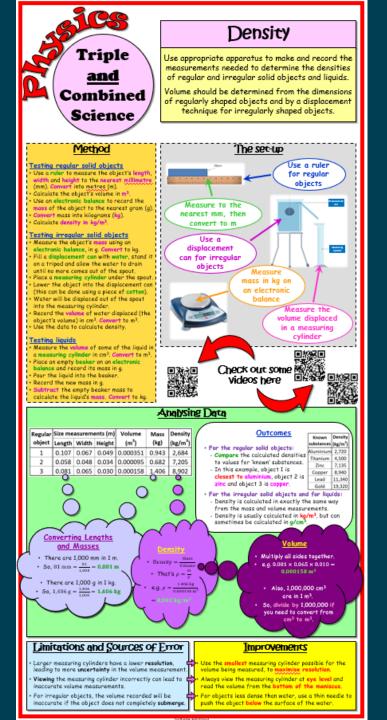
\_Learning Portal > Science > 2. GCSE Revision > 2. Exam Questions by Topic > Combined Science > Biology > Topic 1 - Cell Biology

Ľ	Name $\checkmark$	Modified $\vee$	Modified By $\smallsetminus$	Shared With $\vee$	Shared With De $\vee$
<b>.</b>	Combined Biology, Topic 1, Level 1 - Mark Schemes.pdf	October 31, 2018	D Elmer		
<b>.</b>	Combined Biology, Topic 1, Level 1 - Questions.pdf	October 31, 2018	D Elmer		
<b>.</b>	Combined Biology, Topic 1, Level 2 - Mark Schemes.pdf	October 31, 2018	D Elmer		
<b>.</b>	Combined Biology, Topic 1, Level 2 - Questions.pdf	October 31, 2018	D Elmer		
<b>,</b>	Combined Biology, Topic 1, Level 3 - Mark Schemes.pdf	October 31, 2018	D Elmer		
<b>.</b>	Combined Biology, Topic 1, Level 3 - Questions.pdf	October 31, 2018	D Elmer		

\_Learning Portal > Science > 2. GCSE Revision > 4. Required Practicals > Videos > Chemistry

$\square$	Name $\vee$	Modified $\vee$	Modified By $\vee$
Þ	Chromatography 1mp4	October 30, 2018	D Elmer
Þ	Chromatography 2mp4	October 30, 2018	D Elmer
Þ	Electrolysis 1.mp4	October 30, 2018	D Elmer
Þ	Electrolysis 2.mp4	October 30, 2018	D Elmer
Þ	Identifying lons 1 - Triple Only.mp4	October 30, 2018	D Elmer
Þ	Identifying Ions 2 - Triple Only.mp4	October 30, 2018	D Elmer
Þ	Making Salts 1.mp4	October 30, 2018	D Elmer
Þ	Making Salts 2.mp4	October 30, 2018	D Elmer
Þ	Neutralisation 1 - Triple Only.mp4	October 30, 2018	D Elmer
Þ	Neutralisation 2 - Triple Only.mp4	October 30, 2018	D Elmer
Þ	Rates of Reaction 1.mp4	October 30, 2018	D Elmer
Þ	Rates of Reaction 2.mp4	October 30, 2018	D Elmer
Þ	Temperature Changes 1.mp4	October 30, 2018	D Elmer
Þ	Temperature Changes 2.mp4	October 30, 2018	D Elmer





## **My-GCSEScience.com**



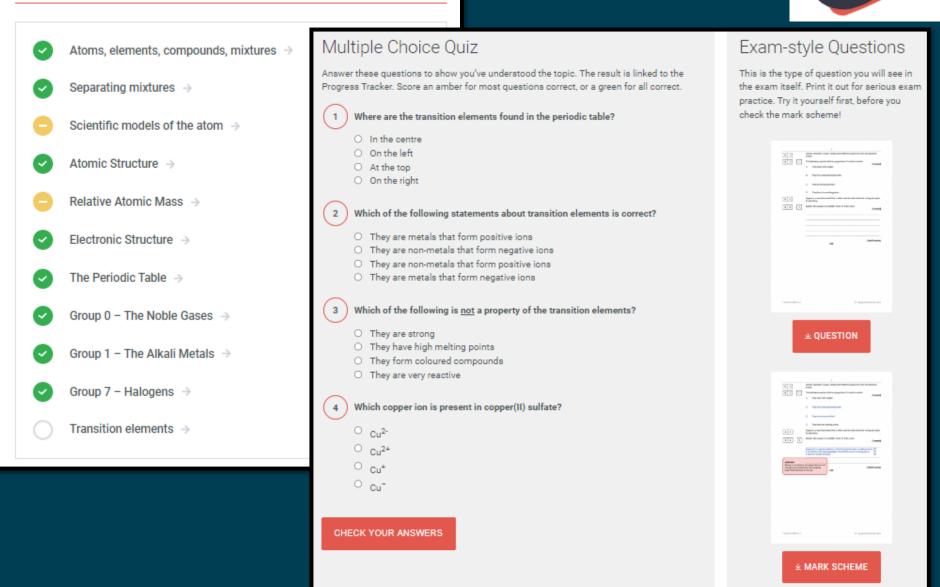
- Helps to organise revision by showing progress in every section.
- Red, amber, green used to diagnose weak areas.
- Videos, multiple choice quizzes and exam questions.



### Paper 1

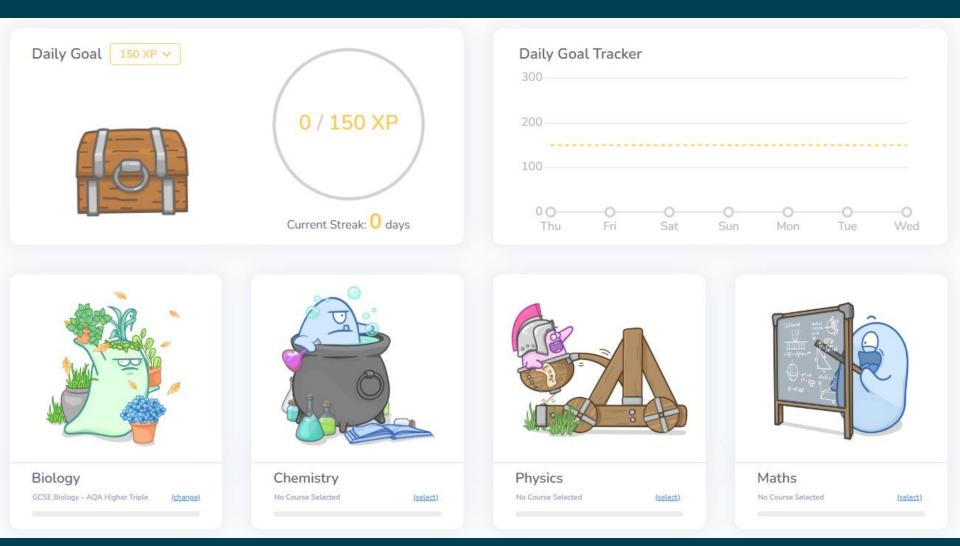
#### 1. Atomic structure

#### MY GCSE



# Cognito

	KS3 GCSE	A-Level Entra	ance Exams About Us	s FAQ
Biology	GCSE > Biology			
	AQA	Edexcel	OCR Gateway	OCR 21st Century
Chemistry	Lessons	Lessons	Lessons	Lessons
Physics	Questions	Questions	Questions	Questions
	Flashcards	Flashcards	Flashcards	Flashcards
	Exam-style Qs by Topic			
	Past Exam Qs by Topic (PDF)			
	Past Exam Papers (PDF)			
	SQA	iGCSE Edexcel	CIE	
	Lessons	Lessons	Lessons	
	Questions	Questions	Questions	
	Flashcards	Flashcards	Flashcards	
	Exam-style Qs by Topic	Exam-style Qs by Topic	Exam-style Qs by Topic	
	Past Exam Qs by Topic (PDF)	Past Exam Qs by Topic (PDF)	Past Exam Qs by Topic (PDF)	
	Past Exam Papers (PDF)	Past Exam Papers (PDF)	Past Exam Papers (PDF)	



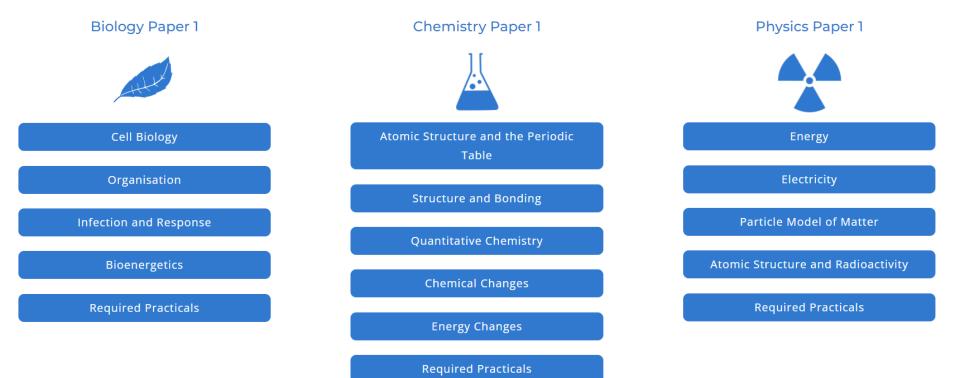
### FreeScienceLessons.com

#### freesciencelessons

GCSE Videos 🗸 A-Level Videos 🗸 Workbooks 🗸 FAQ My Account 📜 🔎

#### Videos

#### GCSE Chemistry, Physics & Biology



# **Options Subjects**

### Information and advice can be found on the school website: Learning > Curriculum by Subject

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Home About Us	Curriculum by Subject Curriculum Overview Developing reading & writing at Key Stage 3	Sixth Form
Learning	Examinations Extracurricular	
News & Events Parents & Carers	Guide to referencing     How to learn at GCSE	Events
Safeguarding	Learning at Home       Year 11 Pathways and Study       Advice evening	Events
Staff	>	
Students Contact Us	>	Prospectus



Key Stage 4

#### **Revision Advice**

A subject specific guide featuring key content, recommended resources and the specifications we cover in that particular subject can be downloaded below:

X

**GEOGRAPHY REVISION ADVICE** 

#### How Can Parents Help?

#### 1. Check that your son/daughter is making full use of all the resources and support available:

We have worked hard to provide resources that will help with revision. Please check that your son/daughter is using these resources.

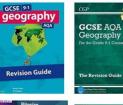
- Are they using the revision materials (including past papers) that are on the Learning Portal in the 'Geography AQA GCSE Revision Folder'?
- Are they using the revision checklists and knowledge organisers that they have been given?
- Are they being proactive in asking for help?
- Do they have their class workbooks to hand? If they have misplaced these completed ones can be downloaded from the 'Geography AQA Revision Folder'.

#### 2. Check that your son/daughter is using effective revision strategies:

It is crucial that pupils follow the advice they have been given on preparing themselves for their examinations. Simply reading through notes is not enough. The <u>key tips for success in Geography</u> are:

- <u>Regular self-testing</u> encourage your son/daughter to test their knowledge. Recalling what they have learned will help to embed key knowledge into their memory which in turn will make it easier for them to recall it in the exam. The CGP revision guide and knowledge arganisers that they have been given will help them with this. They could always teach you about a key topic from the revision checklist or you could ask them questions about specific topics or case studies. Blank page retrieval exercises also work well.
- <u>Practice answering exam questions</u>—learning Geographical content on its own is not enough to secure a good GCSE grade. Examiners are looking for students to apply their knowledge to a variety of different question types. Some of these will be low tariff questions involving data interpretation, calculations and data completion while others will be higher tariff and will require extended writing. We have spent a lot of time in class working on these, but we <u>strongly suggest</u> that your son/daughter uses past papers questions as a central part of their revision. Their class teacher will mark and provide feedback on any questions they complete.







#### What Do I Need To Revise?

PAPER 1: Living with the Physical Environment 35% of the final GCSE: 1 ½ hour examination

Section A: The Challenge Of Natural Hazards Tectonic hazards, tropical storms, extreme weather, climate change

Section B: The Living World Ecosystems, tropical rainforests, hot desert environments

Section C: Physical Landscapes Of The UK Coastal landscapes, river landscapes

PAPER 2: Challenges in the Human Environment 35% of the final GCSE: 1 ½ hour examination

Section A: Urban Issues & Challenges Patterns of urban growth, cities in the developing & developed world

Section B: The Changing Economic World The development gap, development in Nigeria, UKs changing economy

Section C: The Challenge of Resource Management Global distribution of resources, UK resource challenges, food resources

PAPER 3: Geographical Applications 30% of the final GCSE: 1 % hour examination

Section A: Issue Evaluation Questions based on topic in the pre-release resource

#### Section B: Fieldwork

Questions on human and physical fieldwork undertaken

Resource	Study Skill	What to do
Checklists, Mind Maps & Flashcards	Reflect	Use the revision mind maps and checklists you have been given to identify your strong and weak areas (see GCSE Geography Revision folder if you have misplaced these) Spend at least one hour per week revising weak areas.
	Review	It would be a good idea to use knowledge tests/notes from lessons/information from revision guides and resources in the GCSE Geography Revision folder to create flashcard – particularly for your case studies.
Past Papers		Look back through your book and write out th exam questions you have answered, use the feedback given (especially any model answers) to improve on these. Look at sample and past papers in the GCSE Geography Revision folder
BBC GCSE Bitesize		GCSE Bitesize AQA Geography is a great place to start: https://www.bbc.co.uk/bitesize/examspecs/zy3pty
	Bitesize Geography	Cool Geography is also an excellent resource: http://www.coolgeography.co.uk/gcsen/revision_z ne.php
Microsoft Stream		Many of the GCSE topics have been screen casted and can be accessed through the school's Microsoft Stream account. The links to these are in a word document in the 'Geography AQA GCSE Revision Folder' in the Geography Folder on the school's Learning Portal.

# Stress and Exam Anxiety

- Irrational beliefs
   "If I don't pass, my family will think I'm useless."
- Irrational demands
   "I have to get at least grade 7 in everything, or I've failed."
- Catastrophic predictions
   "I'll fail no matter what I do. There's no point."



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### Exam Anxiety Is....

Experienced by many students.

### Made more manageable by:

- following a plan and developing good study habits (we tend to become anxious when we feel we have too much to do in too little time)
- aiming to be the best YOU can be (not comparing yourself to others)



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# Stress-busting tips

- Believe in yourself: If you prepare properly, you should be fine.
- Aim to do your best: It's not about being perfect. Doing your best will help avoid regrets.
- Take steps to overcome problems: Check any subject issues with your teachers.
- **Don't keep things bottled up:** Talk to others (friends, parents, teachers).
- Take regular breaks where you can 'switch off': Build things you enjoy doing into your weekly plan.

## **Students**

• How did you manage the workload and keep a balance?

How did you combat stress and anxiety?

• What did your parents/carers do to help?



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# Final tips

•Tackle each week one at a time – focus on the **here and now** and plan how to meet your key targets.

 Prepare yourself as well as you can for every exam – that starts now.

Work as a partnership

 student - school – parent.



Good Luck Year 11!