



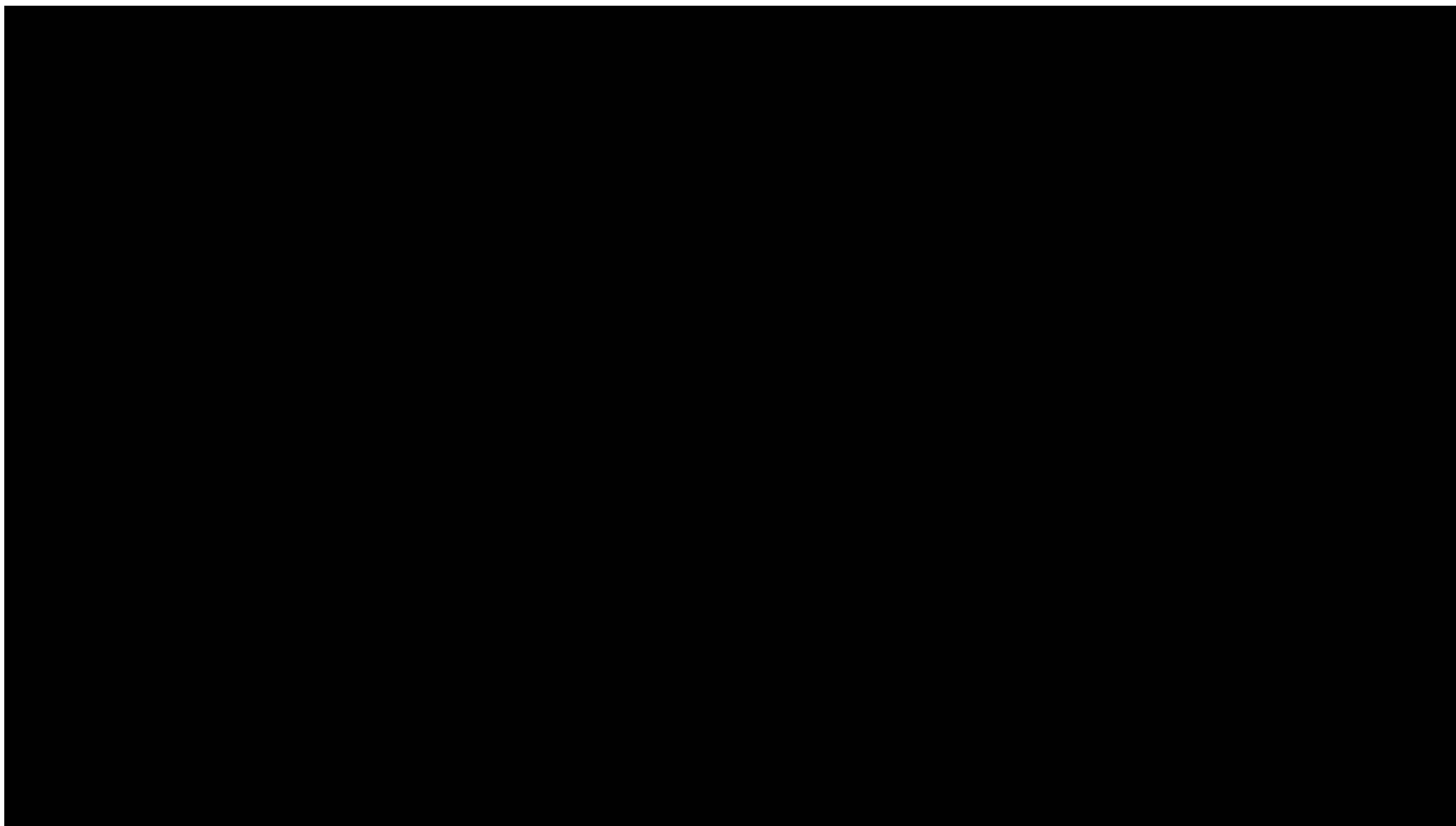
# Year 11 Revision Evening Thursday

## 21st September 2023

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SUPPORT FOR REVISION – ENGLISH, MATHS AND SCIENCE





# Aims of this evening:

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Welcome

Guidance for  
Science GCSE

Guidance for  
English GCSE

Guidance for  
Maths GCSE

How to help  
at home.

Useful online  
resources.



How can I support  
my child in this  
context?

When should my  
child start  
reviewing work?

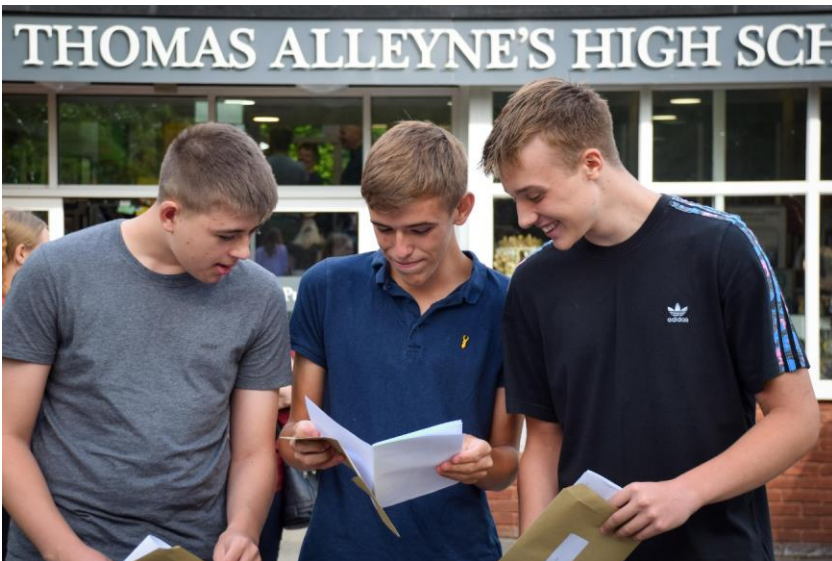
How long should  
my child revise for?

Do I need to buy  
revision guides?

How can I be  
supportive when I  
don't know all the  
exam content?

What does good  
revision look like?





Progress Opportunity Individuality  
GCSE 2023

# Revision starts now

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BELIEF



PREPARATION



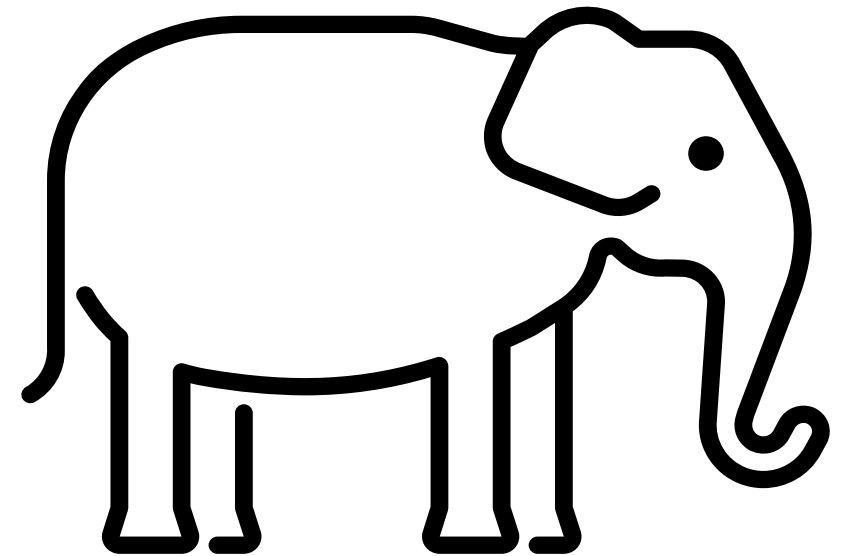
HARD WORK



SUPPORT

How do you eat an  
elephant?...

...One bite at a  
time!



# What is revision anyway?

Revision is about trying to condense a large amount of knowledge into manageable chunks so that you can recall more of it.

Revision is also about knowing what skills you need to practise for exam success.



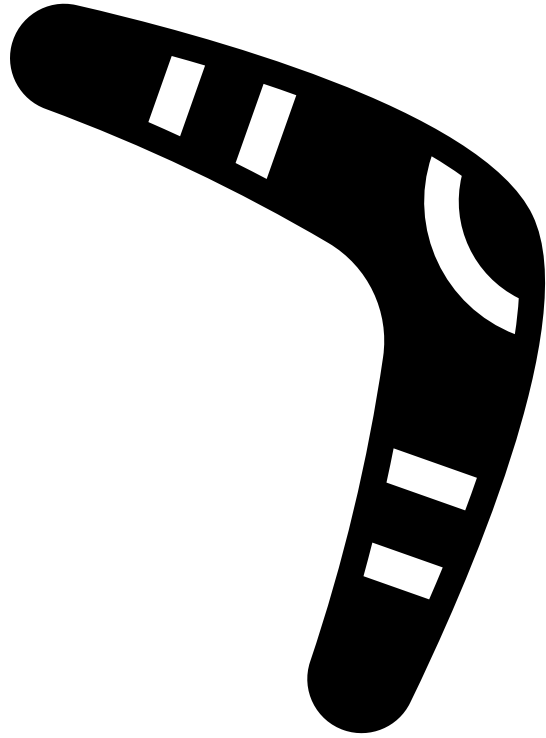




**Exam Problems**

@ExamProblems

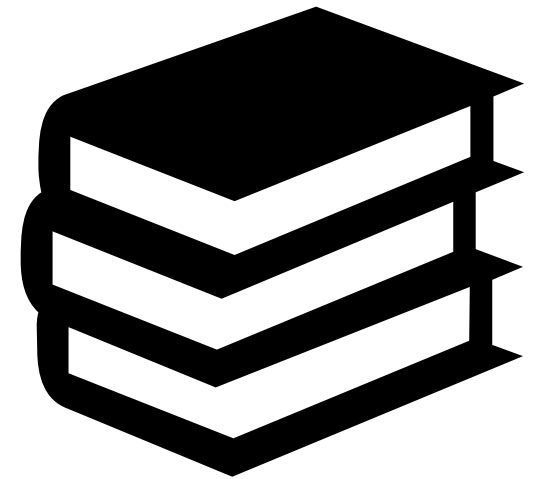
Trying to highlight all the important notes  
in your revision and being left with a piece  
of paper that's brighter than your future



Tried and  
tested revision  
strategies

AQA	Eduquas	Edexcel GCSE	Edexcel BTEC	OCR GCSE
Art and Design	Design and Technology (Graphics and RM)	Business Studies	Animal Care (Tech Award)	Computer Science
Biology		Drama	Child Development (Tech Award)	Music
Chemistry	Food Prep and Nutrition	History	Sport (Tech Award)	
Physics				
Combined Science				
French				
English Literature				
English Language				
Maths				
Further Maths				
Geography				
Religious Studies				
			Health and Social Care (Tech Award)	

# Know your Exam Boards



## Sample Revision Timetable

	4:00-4:45	4:45-5:30	5:30-6:30	6:30-7:15	7:15-8:00
Wed 5 <sup>th</sup>	English Paper 1	Maths Paper 1	Break/Tea	Science Paper 1	History
Thur 6 <sup>th</sup>	PE	Spanish	Break/Tea	FOOTBALL	FOOTBALL
Fri 7 <sup>th</sup>	Science Paper 2	Maths Paper 2	Break/Tea	History	Spanish
	<b>9:00-9:45</b>	<b>10:00-10:45</b>			
Sat 8 <sup>th</sup>	Science Paper 3	Geog.			

Your revision timetable should be unique to you – you might have commitments (e.g. job, family) and you need to balance these. Consistent, disciplined revision beats unstructured cramming every time.

[Revision Timetable Maker / Study Planner \(getrevising.co.uk\)](http://getrevising.co.uk)



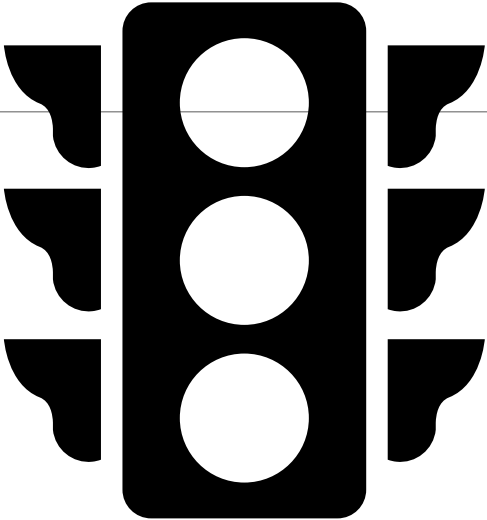
## GCSE HISTORY RAG

<u>Weimar &amp; Nazi Germany</u>	Red	Amber	Green	More to Mem book Completed?
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[illegible]

### Student Examination Topic Revision Plan

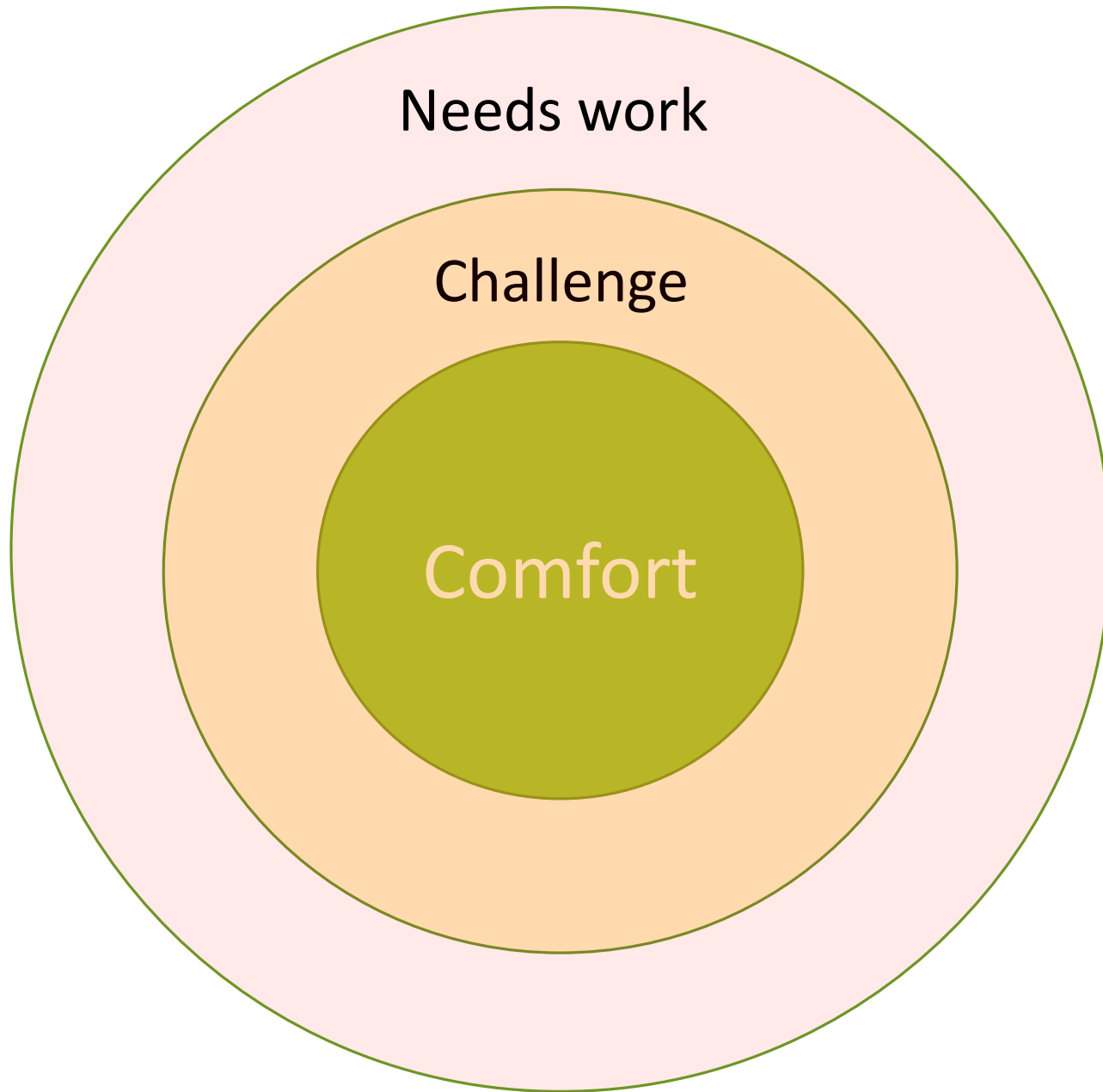
Student Name: _____		Subject: _____		Date: _____	
<b>Green Level</b> <i>(Topics that I am confident with and understand. I usually answer questions in these areas correctly.)</i>		<b>Amber Level</b> <i>(Topics that I am not as confident with but can answer some questions in these areas correctly.)</i>		<b>Red Level</b> <i>(Topics that I still do not understand or struggle to answer but during instruction I understand.)</i>	
<b>10% of my revision time</b> <b>Hours Per Week</b>		<b>30% of my revision time</b> <b>Hours Per Week</b>		<b>60% of my revision time</b> <b>Hours Per Week</b>	



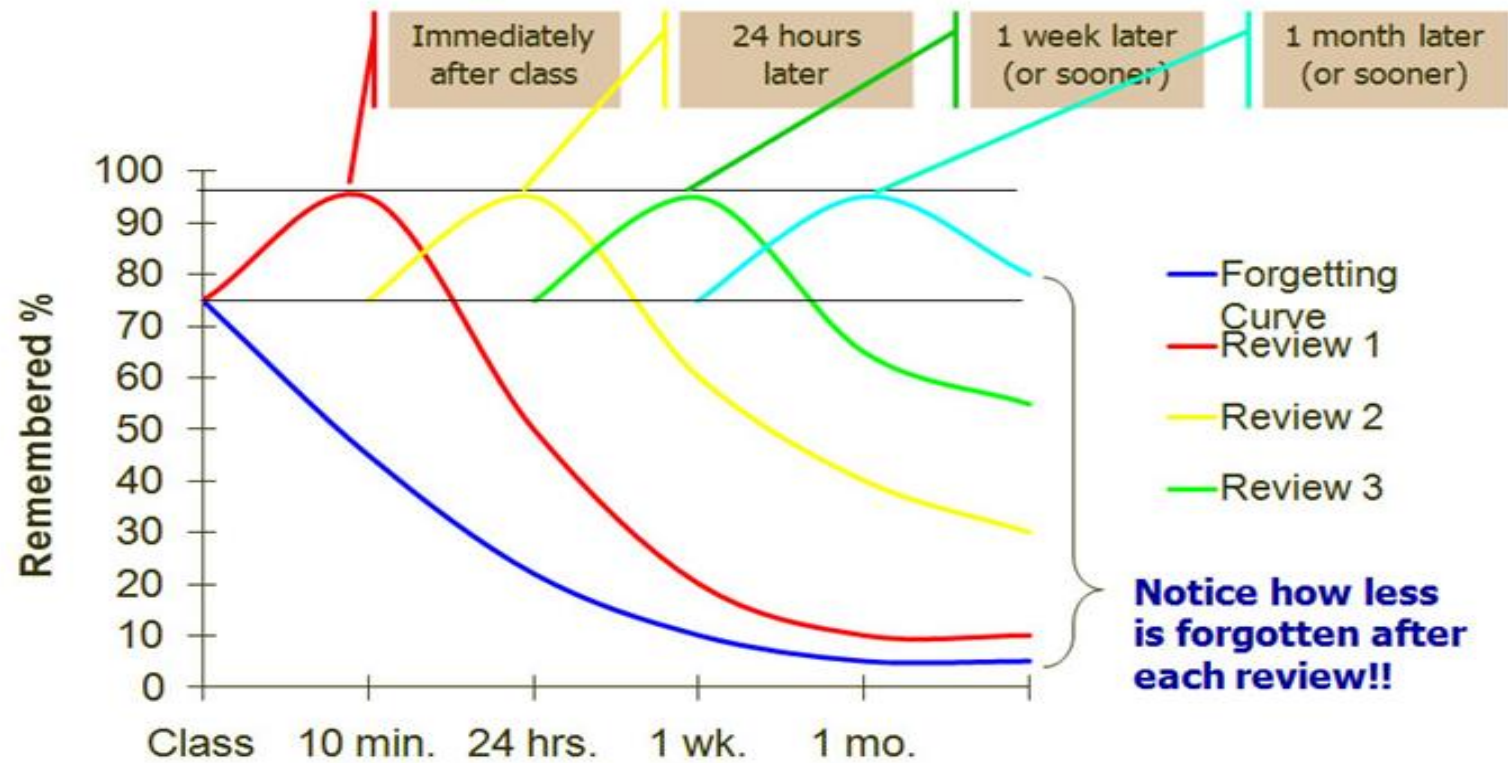
# Traffic Lights

Transport in Cells	
Describe the process of diffusion, including examples	
Explain how diffusion is affected by different factors	
Define and explain "surface area to volume ratio", and how this relates to single-celled and multicellular organisms (inc calculations)	
Explain how the effectiveness of an exchange surface can be increased, including examples of adaptations for small intestines, lungs, gills roots & leaves	
Describe the process of osmosis (inc calculation of water uptake & percentage gain and loss of mass of plant tissue)	
<i>Required practical 3: investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue</i>	
Describe the process of active transport, including examples - gut and roots	
Explain the differences between diffusion, osmosis and active transport	





# Overcoming the Curve





PROGRESS



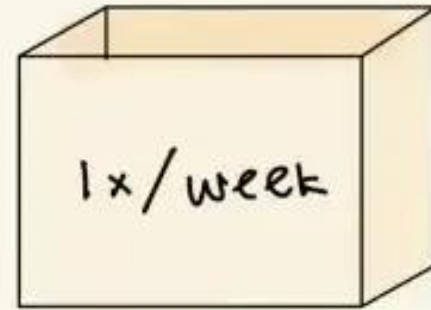
3x / week

HARD



2x / week

MEDIUM

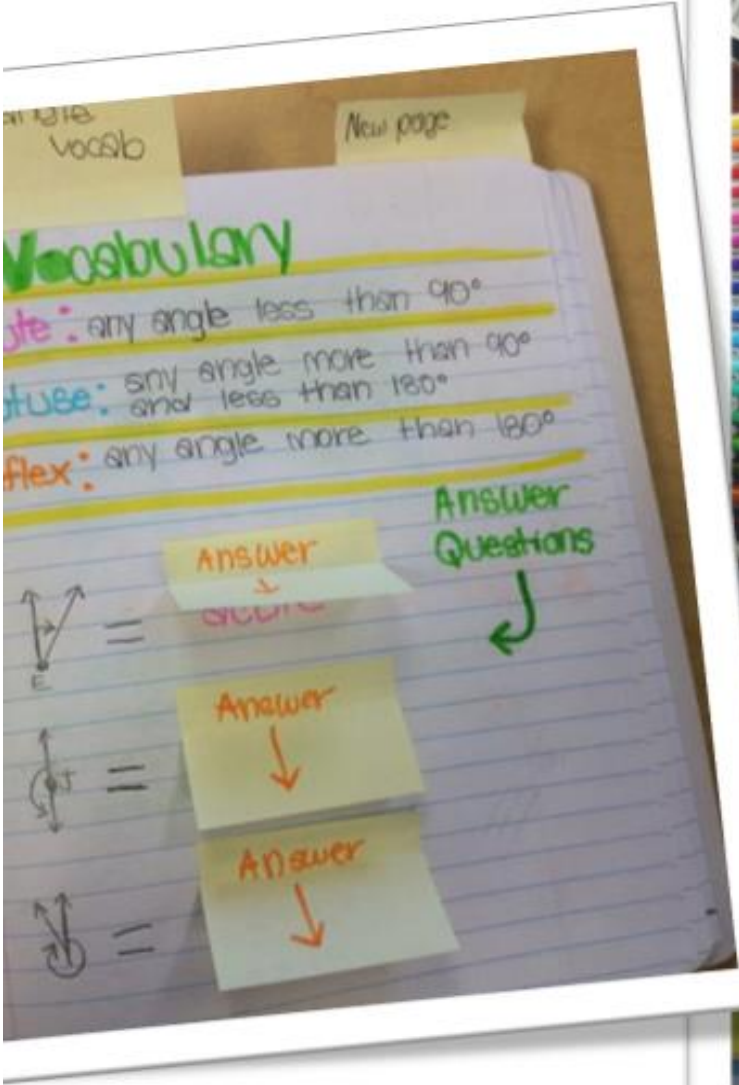
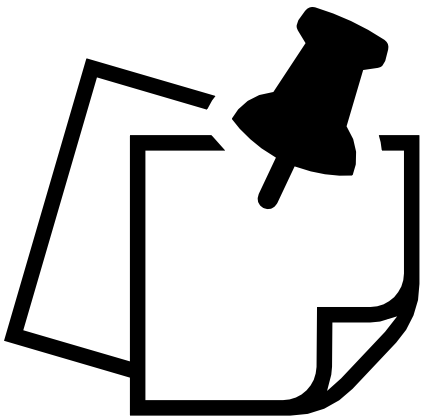


1x / week

EASY



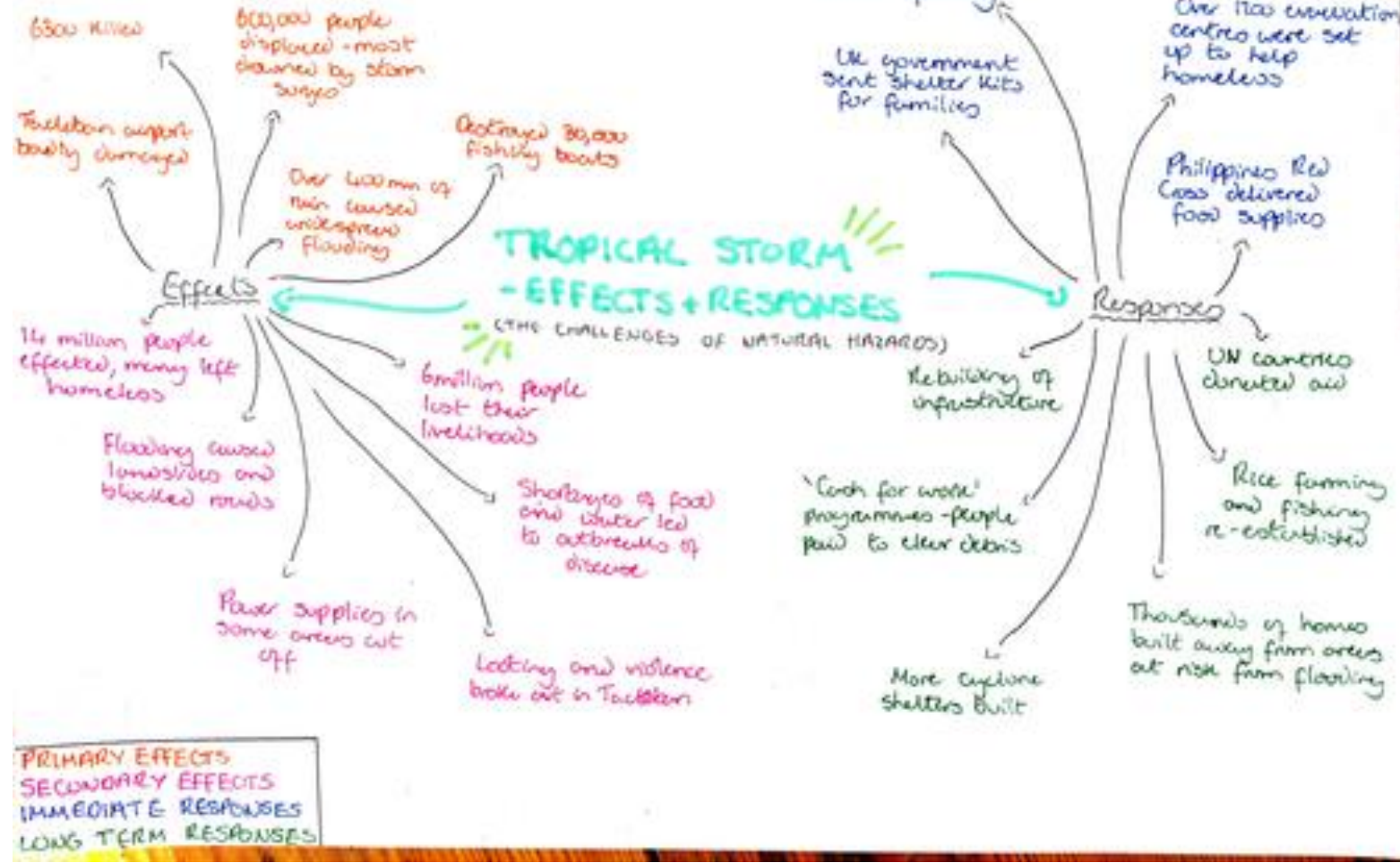
# Post-it notes



## TYPHOON HAIYAN, PHILIPPINES, ASIA

8th November  
2013

Category 5  
typhoon



# Mind- maps



## Waves

### Destructive

- High  $\odot$  • 10-15 per minute.
- High frequency • ↑ Erosion
- Circular motion • ↑ fetch
- Weak Swash Strong BW

### Constructive

- Low  $\odot$  • 9 per minute
- Low frequency • ↓ fetch
- Elliptical motion
- ↑ Swash ↓ Backwash

1 land & farmers at  
26 seafront homes 600  
£80,000-£1.



## Definitions.

**Hydraulic action** - The sheer force of the waves hitting the rocks and cliffs and getting the rocks and cliffs and getting

**Attrition** - Stones and rocks collide making them rounder.

**Abrasion** - Sediment and rocks hit the cliff face and break rocks.

**Solution** -

Certain types of rocks dissolved by the acidity of the sea.

- 1) Lines of weakness erode through erosional processes
- 2) The lines of weakness get bigger and turn into a sea cave.
- 3) Deepens + widens on either side and creates an arch
- 4) Cliff collapse leaves an stack.
- 5) Eventually it'll become a stump



'CASS'

## Headlands and Bays.



- 1) Headlands and bays are created by differential erosion.
- Sandstone and clay meet the coast at a
- 2) Sheltered bays are made by softer rock.
- 3) Sandstone juts out as it isn't eroded.

## Wave-cut platforms and cliffs.

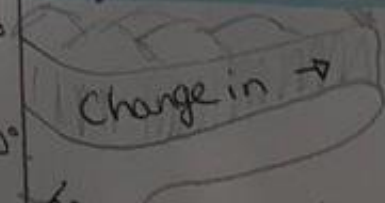
- 1) Cliffs usually form where there is hard and resistant rock
- 2) Undercutting erosion occurs
- 3) Cliff collapse.



## Longshore Drift

1) Prevailing wind directs wave to the beach at  $30^\circ$ . Sediment is brought forward by swash and then taken back by gravity at  $90^\circ$ .

## Spits and Bars.



Longshore drift brings sediment to the end of the coast but loses energy and deposits the

Coasts.



## Cornell Notetaking Method

### Cue Column

### Notes Column

2.5 Inches

6 Inches

- Main Ideas
- Questions that connect points
- Diagrams
- Study prompts

*When?*  
After class  
During review

- Main lecture notes here
- Use concise sentences
- Use shorthand symbols
- Use abbreviations
- Use lists
- Put space between points

*When?*  
During class

### Summary Column

- For top level, main ideas
- Use as a quick reference area

*When?*  
After class  
During review

2"

# Cornell notes and Re-visit templates

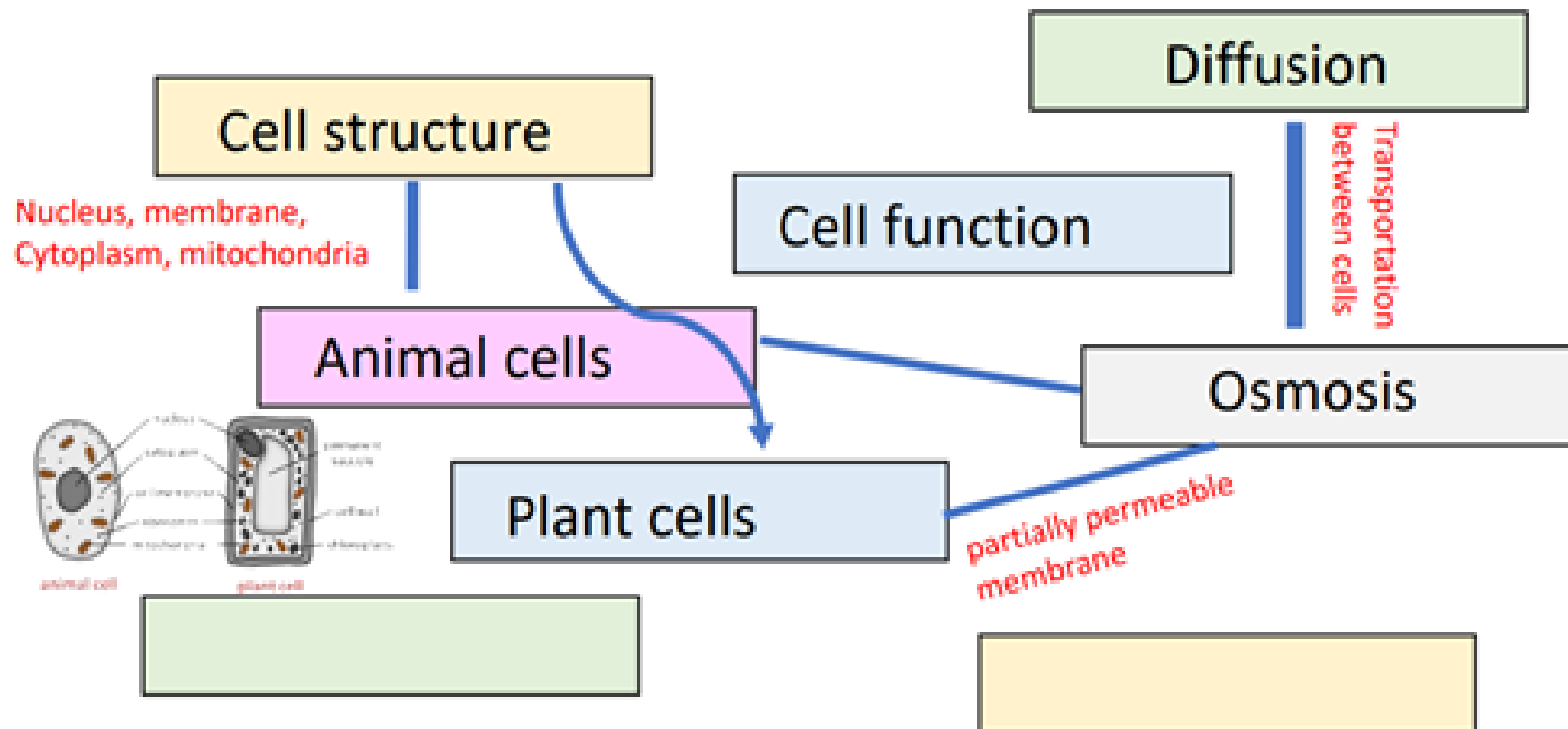
<https://www.youtube.com/watch?v=ErSjc1PEGKE>



Title

Cell biology

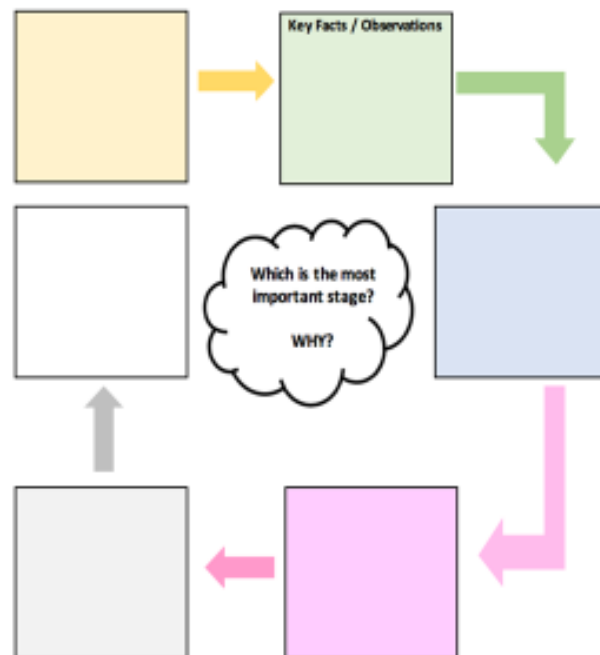
Example





### PIXL Revisit: Process and Categorise Steps and stages explained

Unit / Topic:



### PIXL Revisit: Ranking Triangle

Name of Topic: \_\_\_\_\_

Name: \_\_\_\_\_

Class: \_\_\_\_\_

The most important information goes at the top and then the least important at the bottom. Make sure you justify WHY you think it the most/least important.



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Break up an hour...



Select

- Select a topic or exam question theme. 5 minutes

Identify

- Identify key vocabulary – 5 minutes

Create

- Create some notes, revision card, revision clock on these themes. 15 minutes

Watch

- Watch a GCSEpod / video revision clip – 10- minutes

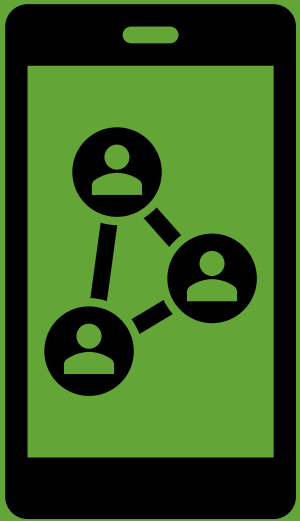
Take

- Take a short break – 10 minutes

Practice

- Practice a relevant exam question on this topic. – 15 – 20 minutes.

# Online Revision Resources



GCSEpod

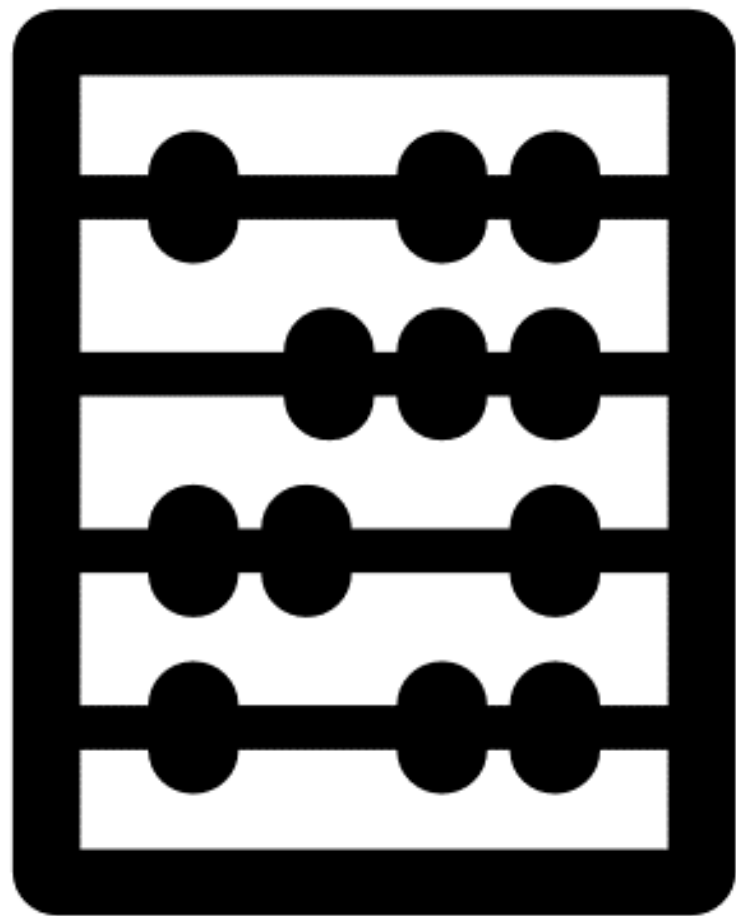
My Study  
plan (App)

Cognito

BBC  
Bitesize

Quizlet

Seneca  
Learning



# Revising Maths

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# AQA Mathematics 8300

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Higher Tier – grades 9-4

Foundation Tier – grades 5-1

3 exams:

Paper 1 is a non-calculator paper

Paper 2 and 3 are both calculator papers





Any topic could come up on any paper



A mix of question styles including single mark questions, multi-step problems and multiple-choice questions



The questions get more difficult as you work through the papers



A formula sheet will **NOT** be provided

# GCSE Mathematics

# What do I need?

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Formula sheet – you need to learn these

---

Revision guide – order through school

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2 Black Pens

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Pencil

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Ruler

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Compass

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Protractor

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Rubber

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Scientific calculators £8.50 \*\*

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Maths sets £1.20 \*\*

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\*\* available to buy from the TAHS Online Shop

# How do we prepare students in maths?

Model answers in class

Regular recapping of previous work

Regular homework

Half termly assessments throughout the GCSE course - these are past or practice exam papers.

SWANS – focused feedback for improvement

## Types of Questions

AO1 – Use and apply standard techniques (40%)

AO2 – Reason, interpret and communicate mathematically (30%)

AO3 – Solve problems within mathematics and in other contexts (30%)

# Communicate mathematically

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01

Show all workings  
(even if really easy)

02

Set out clearly

03

Write a final sentence  
for your answer

04

For geometry  
questions - all used  
rules must be stated in  
the correct  
mathematical  
language

Circle the equation of a line that is parallel to  $y = 5x - 2$

[1 mark]

$$y = 2x - 5$$

$$y = 5x + 2$$

$$y = 3x - 2$$

$$y = -\frac{1}{5}x - 2$$

# Foundation / Higher Question – A01

---

19

Toilet rolls come in packs of 4 and 9



£1.89



£3.99

Which pack is better value?

You **must** show your working.

[3 marks]

# Foundation Question – A02

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11

Tomas ran a Lucky Dip stall.



There were 750 tickets, numbered 1 to 750

Tomas sold **all** the winning tickets, and **some** of the losing tickets.

He made a profit of £163

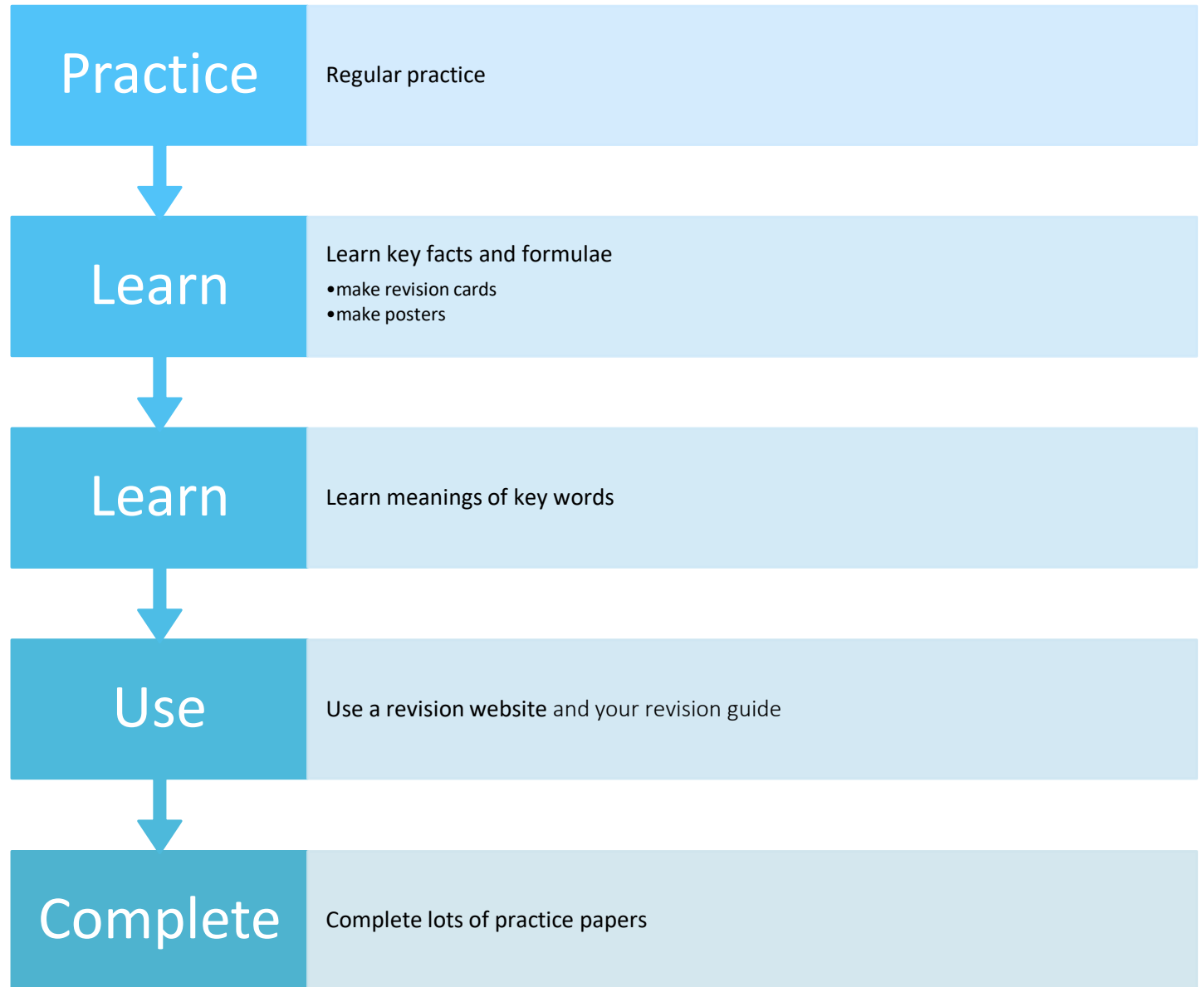
How many **losing** tickets did he sell?

[6 marks]

# Higher Question – A03

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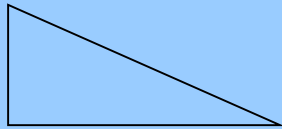
# How to Revise Maths



# Area



$$= \text{length} \times \text{width}$$



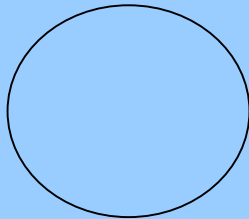
$$= \text{base} \times \text{height} \div 2$$



$$= \text{length} \times \text{height}$$



$$= \frac{1}{2}(a + b) h$$



$$= \pi r^2$$

# Key Facts

SOH CAH TOA

BIDMAS

$a + a + a = 3a$  but  $a \times a \times a = a^3$

## Calculator buttons

square  $x^2$ , cube  $x^3$

square root  $\sqrt{\phantom{x}}$ , cube root  $\sqrt[3]{\phantom{x}}$

powers 

Fractions 

# Key Words

*integer* - whole number

*evaluate* - work out - get a number answer

*construct* - use a compass and ruler

*factorise* - put brackets in

*estimate* - round each number to 1 significant figure before doing the calculation

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Maths Genie • Learn GCSE Maths for Free

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<https://cognitoedu.org/home.html>

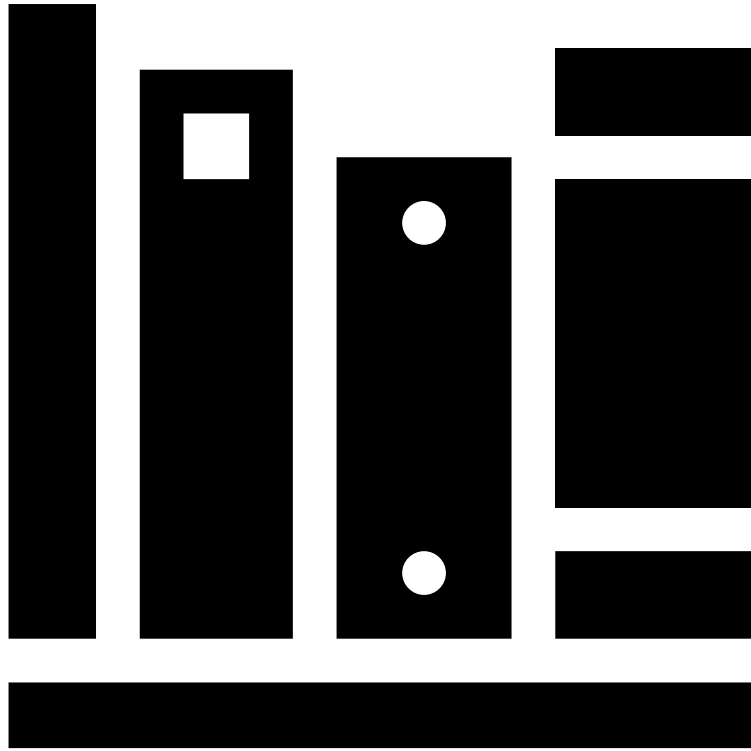
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<http://www.corbettmaths.com/5-a-day/gcse/>

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<http://www.GCSEpod.com>

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# Revising English

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# GCSE English Literature and GCSE English Language



## GCSE English Literature

Two papers  
All 4 set texts  
plus unseen  
poetry



## GCSE English Language

Two papers  
Both with  
Reading and  
Writing sections



# GCSE English Language and Literature



No tier of entry



Every student sits the same exam



Students prepare for **two** qualifications:



GCSE English Literature



GCSE English Language



**Spoken Language endorsement**- does not count towards 'grade', but is shown on certificate as Pass, Merit or Distinction

# What do I need?

A copy of the set texts- TAHS online shop-

Year 10:

- Romeo and Juliet
- An Inspector Calls
- Anthology (provided in Year 9)

Year 11:

- A Christmas Carol

Patience, consistency and determination.

Highlighters – ideally 3 different colours for the different Language question focuses.

Revision Guides (CGP) will be available from the online shop.

# How do we prepare students in English?



Read texts in class/ set for homework



Supported with activities



Build skills for Language and Literature



Assessed 'like the GCSE'



SWaNS- focused feedback for improvement

# How we 'read' and 'analyse' in English

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**What** is a writer saying?

How do they get their point across?

**Why** did they make that choice? What do they want us to feel or think?

0 2

Look in detail at this extract from **lines 8 to 18** of the Source:

The wind came in gusts, at times shaking the coach as it travelled round the bend of the road, and in the exposed places on the high ground it blew with such force that the whole body of the coach trembled and swayed, rocking between the high wheels like a drunken man.

The driver, muffled in a greatcoat to his ears, bent almost double in his seat in a faint attempt to gain shelter from his own shoulders, while the dispirited horses plodded sullenly to his command, too broken by the wind and the rain to feel the whip that now and again cracked above their heads, while it swung between the numb fingers of the driver.

The wheels of the coach creaked and groaned as they sank into the ruts on the road, and sometimes they flung up the soft spattered mud against the windows, where it mingled with the constant driving rain, and whatever view there might have been of the countryside was hopelessly obscured.

How does the writer use language here to describe the effects of the weather?

You could include the writer's choice of:

- words and phrases
- language features and techniques
- sentence forms.

[8 marks]

Shorter  
responses

## Romeo and Juliet

Read the following extract from Act 1 Scene 2 of *Romeo and Juliet* and then answer the question that follows.

At this point in the play Lord Capulet and Paris are discussing Juliet.

**PARIS**

But now, my lord, what say you to my suit?

**CAPULET**

But saying o'er what I have said before:  
My child is yet a stranger in the world,  
She hath not seen the change of fourteen years;  
Let two more summers wither in their pride,  
Ere we may think her ripe to be a bride.

**PARIS**

Younger than she are happy mothers made.

**CAPULET**

And too soon marred are those so early made.  
The earth hath swallowed all my hopes but she;  
She's the hopeful lady of my earth.  
But woo her, gentle Paris, get her heart,  
My will to her consent is but a part;  
And she agreed, within her scope of choice  
Lies my consent and fair according voice.

0 2

Starting with this conversation, explain how far you think Shakespeare presents Lord Capulet as a good father.

Write about:

- how Shakespeare presents Lord Capulet in this extract
- how Shakespeare presents Lord Capulet in the play as a whole.

[30 marks]  
AO4 [4 marks]

Longer essay style  
responses

# How can my child revise for English?

Students need to read regularly

- 20 minutes three times a week
- Fiction or non-fiction – the wider range the better
- Actively build vocabulary

How can you help?

- Help them choose their reading books, especially if they have a narrow genre-based preference
- Listen to them read
- Read to them and with them
- Discuss what they're reading and discuss newspaper articles/contemporary events and issue with them
- Talk about and introduce them to new vocabulary
- Ask them how the writer gets their opinion across

# What can English revision look like?

Just reading things does not work

You have to 'fix' the information by writing it down.

Take a longer piece of writing and highlight key points

## Exam question

In some countries an increasing number of people are suffering from health problems as a result of eating much fast food. It is therefore necessary to impose a higher tax on this kind of food. To what extent do you agree or disagree?

Nowadays, more and more people are affected by diabetes and heart disease which are linked to mass-produced food. Some people believe that food is less affordable by taxing it highly. Despite the severity of the problem, I think this is quite wrong. Increasing the tax on fast food would unfairly penalise people and may not necessarily bring about the desired health benefits.

First, fast food is about more than just nutrition. People spend money on fast food not because they need to eat, but how they socialise. Fast-food restaurants provide a place for young people to meet friends. For another, fast food can provide an inexpensive treat for people who have a small pleasure in life could affect their social

Another important point is that if the reason for obesity is lack of exercise, it may be ineffective. It is true that fast food is high in fat, all of which cause weight gain and are linked to obesity. However, we also know that there are other factors that increase the risk of obesity, such as lack of exercise and inactive lifestyles. While home-cooked food is generally healthy, I personally know a family that used to eat high-calorie portions. They all suffered from health

On the other hand, I do understand the point of a drastic action is needed. If fast food were taxed, producers would be forced to seek out healthier ingredients and consumers would have an incentive to provide

Make short notes based on your key points

Then paraphrase trying to make it shorter

Until you get to key words

- Parents can ask students to:
- List the key words on a topic
  - Explain the key words on the topic
  - Explain the full answer with you using the key words as bingo cards
  - Teach you about a topic

Tip 1: Make notes on notes

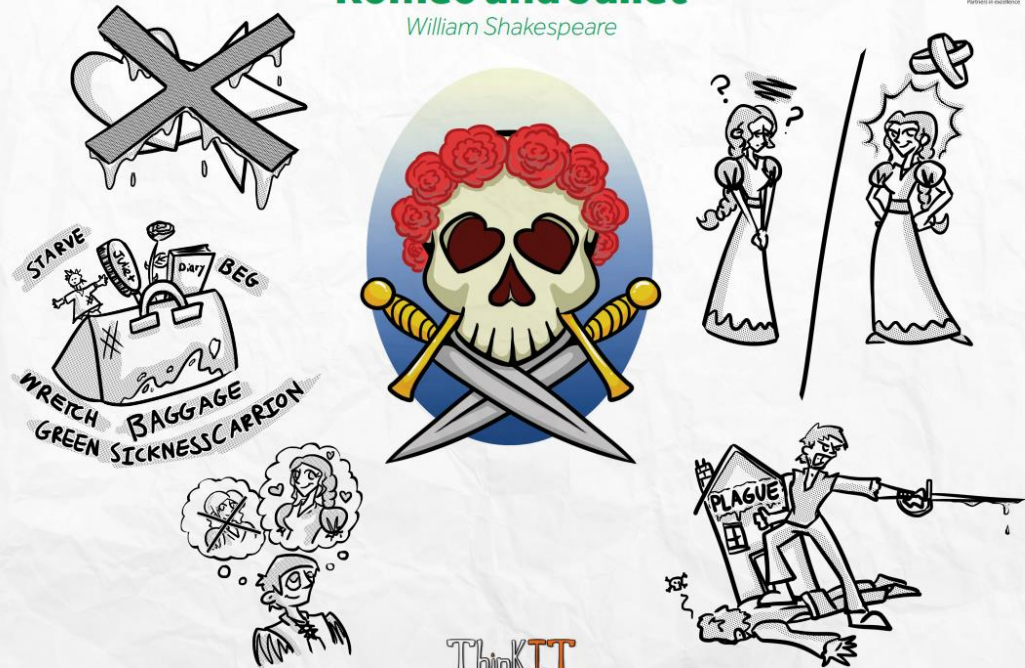




# Romeo and Juliet

William Shakespeare

PIXL



ThinkIT

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# GCSE An Inspector Calls

J B Priestley

PIXL



GraspIT

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Get them to write  
'notes without notes'

Time your child to  
complete a  
practice question

Write and answer their  
own questions

Get them to 'teach'  
you, but have their  
notes and highlight  
everything they say

Complete test papers  
and parents read over  
them

Use the internet  
to create notes

**TIP 2: Self test on the set texts**

# TIP 3: Do It Properly

**Start with the  
hard stuff**

**Vary your method**

**Build up your  
stamina**

**A revision guide  
alone isn't revising**

**Read difficult texts  
– really read them!**

**Vary your texts**

**Take away  
distractions**

# Useful websites

## Useful Websites

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### **BBC Bitesize GCSE English Language**

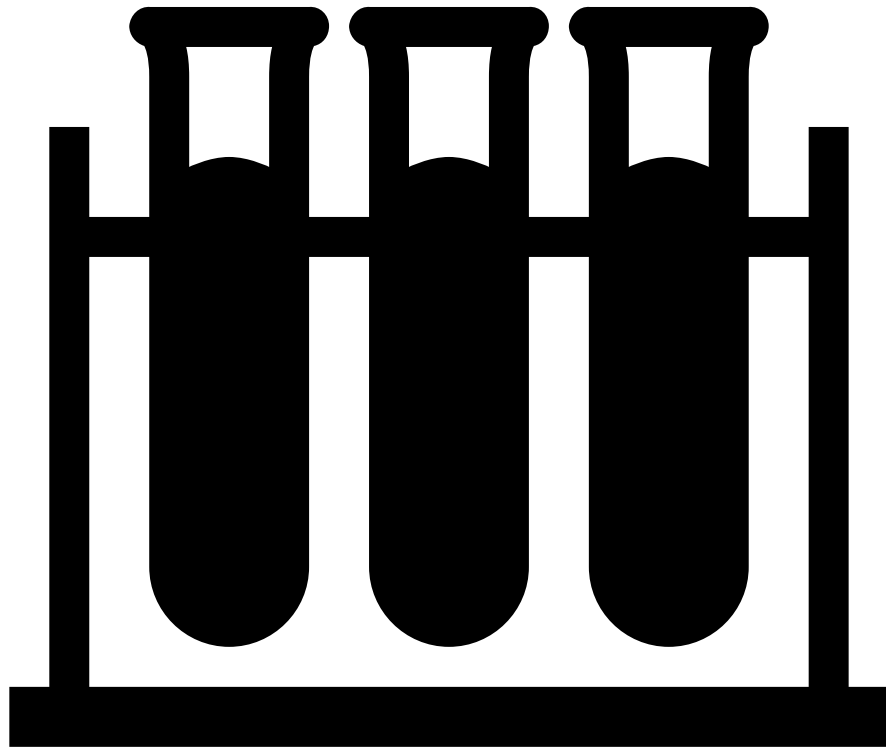
<http://www.bbc.co.uk/education/subjects/zr9d7ty>

### **BBC Bitesize GCSE English Literature**

[http://www.bbc.co.uk/schools/gcsebitesize/english\\_literature/](http://www.bbc.co.uk/schools/gcsebitesize/english_literature/)

**Youtube:** Search for any “Mr Bruff” videos

**GCSE POD**



Revising  
Science

# AQA Biology, Chemistry and Physics (Students in Sets 1 and 2)

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Higher Tier – grades 9-4

Foundation Tier – grades 5-1

2 exams in each subject, covering different topics

### GCSE Biology:

Paper 1: Topics 1–4: Cell biology; Organisation; Infection and response; and Bioenergetics.

Paper 2: Topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

### GCSE Chemistry:

Paper 1: Topics 1–5: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry, Chemical changes; and Energy changes.

Paper 2: Topics 6–10: The rate and extent of chemical change; Organic chemistry; Chemical analysis, Chemistry of the atmosphere; and Using resources.

### GCSE Physics:

Paper 1: Topics 1-4: Energy; Electricity; Particle model of matter; and Atomic structure.

Paper 2: Topics 5-8: Forces; Waves; Magnetism and electromagnetism; and Space physics.

Questions in paper 2 may draw on an understanding of energy changes and transfers due to heating, mechanical and electrical work and the concept of energy conservation from Energy and Electricity.

# AQA Combined Science (Trilogy) (Students in Sets 3, 4 and 5)

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Higher Tier – grades 9-4

Foundation Tier – grades 5-1

2 exams in each subject (6 in total), covering different topics



### Combined Science Biology:

Paper 1: Biology topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

Paper 2: Biology topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

### Combined Science Chemistry:

Paper 1: Chemistry topics 8–12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.

Paper 2: Chemistry topics 13–17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources.

### Combined Science Physics:

Paper 1: Physics topics 18–21: Energy; Electricity; Particle model of matter; and Atomic structure.

Paper 2: Physics topics 22–24: Forces; Waves; and Magnetism and electromagnetism.

Questions in paper 2 may draw on an understanding of energy changes and transfers due to heating, mechanical and electrical work and the concept of energy conservation from Energy and Electricity.

## What do I need?

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Revision guide – order through school

---

2 Black Pens

---

Pencil

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Ruler

---

Protractor

---

Rubber

---

Scientific calculator

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Word equation	Symbol equation
weight = mass $\times$ gravitational field strength	$W = mg$
force applied to a spring = spring constant $\times$ extension	$F = ke$
acceleration = $\frac{\text{change in velocity}}{\text{time taken}}$	$a = \frac{\Delta v}{t}$
<b>H</b> momentum = mass $\times$ velocity	$p = mv$
gravitational potential energy = mass $\times$ gravitational field strength $\times$ height	$E_p = mgh$
power = $\frac{\text{work done}}{\text{time}}$	$P = \frac{W}{t}$
efficiency = useful power output $\div$ total power input	
charge flow = current $\times$ time	$Q = It$
power = potential difference $\times$ current	$P = VI$
energy transferred = power $\times$ time	$E = Pt$
density = $\frac{\text{mass}}{\text{volume}}$	$\rho = \frac{m}{V}$
work done = force $\times$ distance (along the line of action of the force)	$W = Fs$
distance travelled = speed $\times$ time	$s = vt$
resultant force = mass $\times$ acceleration	$F = ma$
kinetic energy = $0.5 \times \text{mass} \times (\text{speed})^2$	$E_k = \frac{1}{2}mv^2$
power = $\frac{\text{energy transferred}}{\text{time}}$	$P = \frac{E}{t}$
efficiency = $\frac{\text{useful output energy transfer}}{\text{total input energy transfer}}$	

wave speed = frequency $\times$ wavelength	$v = f\lambda$
potential difference = current $\times$ resistance	$V = IR$
power = current <sup>2</sup> $\times$ resistance	$P = I^2R$
energy transferred = charge flow $\times$ potential difference	$E = QV$

### GCSE Physics only

pressure = $\frac{\text{force normal to a surface}}{\text{area of that surface}}$	$p = \frac{F}{A}$
moment of a force = force $\times$ distance (normal to direction of force)	$M = Fd$

# 23 Equations

0 4 . 2

Write down the equation which links density ( $\rho$ ), mass ( $m$ ) and volume ( $V$ ).

[1 mark]

0 4 . 3

The mass of the apple was 85 g.

The density of the apple was 0.68 g/cm<sup>3</sup>.

Calculate the volume of the apple.

Give your answer in cm<sup>3</sup>.

[3 marks]

1	<p><b>pressure due to a column of liquid</b>  <b>= height of column × density of liquid × gravitational field strength (g)</b></p>	$p = h \rho g$
2	$(\text{final velocity})^2 - (\text{initial velocity})^2 = 2 \times \text{acceleration} \times \text{distance}$	$v^2 - u^2 = 2 a s$
3	<p><b>force = <math>\frac{\text{change in momentum}}{\text{time taken}}</math></b></p>	$F = \frac{m \Delta v}{\Delta t}$
4	elastic potential energy = $0.5 \times \text{spring constant} \times (\text{extension})^2$	$E_e = \frac{1}{2} k e^2$
5	change in thermal energy = mass × specific heat capacity × temperature change	$\Delta E = m c \Delta \theta$
6	period = $\frac{1}{\text{frequency}}$	
7	magnification = $\frac{\text{image height}}{\text{object height}}$	
8	<p><b>force on a conductor (at right angles to a magnetic field) carrying a current</b>  <b>= magnetic flux density × current × length</b></p>	$F = B I l$
9	thermal energy for a change of state = mass × specific latent heat	$E = m L$
10	<p><b><math>\frac{\text{potential difference across primary coil}}{\text{potential difference across secondary coil}} = \frac{\text{number of turns in primary coil}}{\text{number of turns in secondary coil}}</math></b></p>	$\frac{V_p}{V_s} = \frac{n_p}{n_s}$
11	<p>potential difference across primary coil × current in primary coil          = potential difference across secondary coil × current in secondary coil</p>	$V_p I_p = V_s I_s$
12	For gases: pressure × volume = constant	$p V = \text{constant}$

## How to revise

1. Read/Watch and do something with the information (summary notes, flashcards, quick summary questions).
2. Practise applying your understanding (questions, questions and more questions)
3. Revisit the learning (next day, 3 days, 2 weeks)
4. Develop exam technique by working through exam questions from Cognito or the AQA website.



Cognito



Biology

Change subject



Lessons

Quiz

Pro

Flashcards

Pro

Past Exam Papers

Exam Qs by topic

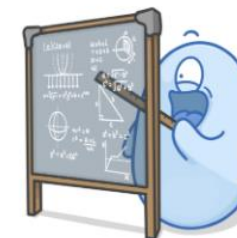
# Biology Lessons

GCSE Biology - AQA Higher Triple

Resume Latest Lesson

Upgrade to Pro to resume latest lesson

Try 'non-coding DNA'



0%  
Correct

0%  
Incorrect

100%  
Not done

## Contents

Topic 1 - Cell Biology

Topic 2 - Organisation

Topic 3 - Infection and Response

Topic 4 - Bioenergetics

Topic 5 - Homeostasis and Response

Topic 6 - Inheritance, Variation and Evolution

Topic 7 - Ecology





Biology

Change subject



Lessons

Quiz **Pro**

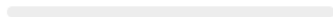
Flashcards **Pro**

Past Exam Papers

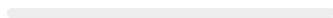
Exam Qs by topic

## Topic 1 - Cell Biology

1.1 - Cell Structure



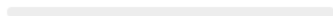
1.2 - Kingdoms of Life



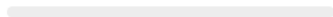
1.3 - Microscopy - What it is



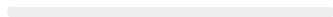
1.4 - Microscopy - Light vs Electron Microscopy



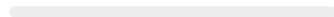
1.5 - Microscopy - Units of conversion



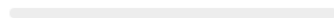
1.6 - Microscopy - Calculations



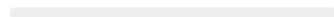
1.7 - Mitosis



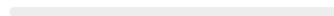
1.8 - Binary Fission



1.9 - Stem Cells



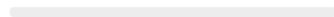
1.10 - Specialised Cells & Differentiation



1.11 - Stem Cells in Medicine



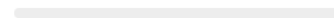
1.12 - Diffusion



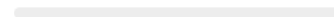
1.13 - Osmosis



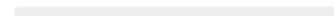
1.14 - Active Transport



1.15 - Surface Area to Volume Ratio



1.16 - Specialised Exchange Surfaces

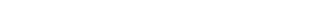


## Topic 2 - Organisation

2.1 - Cell organisation, tissues, organs etc



2.2 - What are enzymes



2.7 - Lungs & Gas Exchange



2.8 - Circulatory System 1 - Heart



2.13 - Balanced Diet



2.14 - Risk factors for Non-Communicable Diseases





Biology

Change subject



Lessons

Quiz

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Flashcards

Pro

Past Exam Papers

Exam Qs by topic

## Topic 1 - Cell Biology

	Not viewed	Started	Completed		
Cell Division 1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme
Cell Division 2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme
Cell Division 3	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme
Cell Structure 1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme
Cell Structure 2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme
Cell Structure 3	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme
Transport in Cells 1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme
Transport in Cells 2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme
Transport in Cells 3	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Paper	Mark Scheme

## Topic 2 - Organisation

Not viewed

Started

Completed



## Useful Websites

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<https://cognitoedu.org/home.html>

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<https://www.aqa.org.uk/subjects/science/gcse>

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[www.GCSEpod.com](http://www.GCSEpod.com)


[Expressive Arts](#)
[Extra Curricular](#)
[Geography](#)
[History](#)
[Mathematics](#)
[Modern Foreign Languages](#)
[Music](#)
[Physical Education](#)
[Religious Education](#)
[Science](#)
[Social & Health](#)

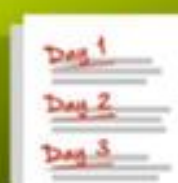
## STOP PROCRASTINATING

Schedule the revision of harder topics for the morning when you will be most awake. This stops you using tiredness as an excuse for leaving the harder topics until the next day.



## MANAGE YOUR TIME

Break your revision down and give yourself a certain amount of content to learn each day.

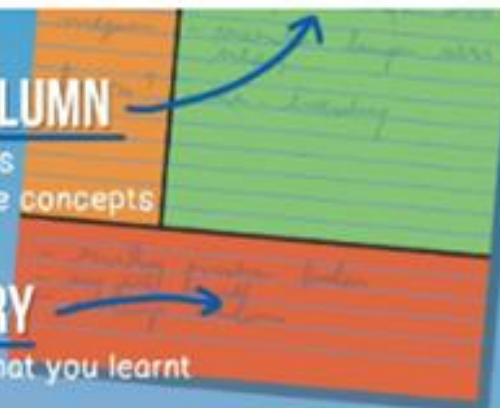


## NOTE COLUMN

Make notes  
Summarise concepts

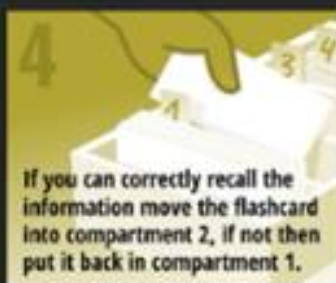
## SUMMARY

Review what you learnt


[Cornell Notes Template](#)
[Click here](#)
[Revision Evening](#)
[Click here](#)
[Revision Guide](#)
[Click here](#)
[Revision Clock](#)
[Click here](#)
[Dual Coding](#)
[Click here](#)
[Year 11 Revision Evening 21 Oct 2021](#)
[Click here](#)
[English Literature GCSE  
Romeo & Juliet \(Know It\)](#)
[Click here](#)
[English Literature GCSE](#)
[Click here](#)

## USING FLASHCARDS TO REVISE

by @inner\_drive | www.innerdrive.co.uk



# What next?

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Y11 revision support as part of the tutor programme

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Revision interventions run by departments, lunchtime, after school, holidays and weekends.

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Revision materials on TAHS website.

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Y11 SEND Revision Evening Thursday 26<sup>th</sup> October 5pm

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Trial Exams start Monday 6<sup>th</sup> November 2023

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Summer Exam Session starts Monday 6<sup>th</sup> May 2024

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[Parent Resources – GCSEPod](#)

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[How Parents Can Help Improve Grades \(innerdrive.co.uk\)](https://www.innerdrive.co.uk)

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# Revision starts now

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BELIEF



PREPARATION



HARD WORK



SUPPORT



# Year 11 Revision Evening Thursday

## 21st September 2023

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SUPPORT FOR REVISION – ENGLISH, MATHS AND SCIENCE

