

# GCSE Information Evening

How you can support your child



ASPIRING TO EXCELLENCE TOGETHER



HARD WORK



AMBITION



RESPECT



KINDNESS



# GCSE Information Evening

- Key dates
- Careers
- Maths
- English
- Science
- Coursework deadlines
- Study Skills and Revision
- Exam Stress



## Key Dates

- 2<sup>nd</sup> March – GCSE Centre Assessments start (includes next 3 strike days)
- 20<sup>th</sup> - 21<sup>st</sup> April Art GCSE Exam
- 24<sup>th</sup> April MFL Speaking Exams
- 2<sup>nd</sup> – 3<sup>rd</sup> May Photography GCSE Exam
- 15<sup>th</sup> May – first GCSE exams (RE and Drama)
- 16<sup>th</sup> May – first whole cohort exam - Biology P1
- 26<sup>th</sup> June SFH6 Bridging Week
- 27<sup>th</sup> June last GCSE exam

# GCSE Information Evening -Careers



The journey so far!

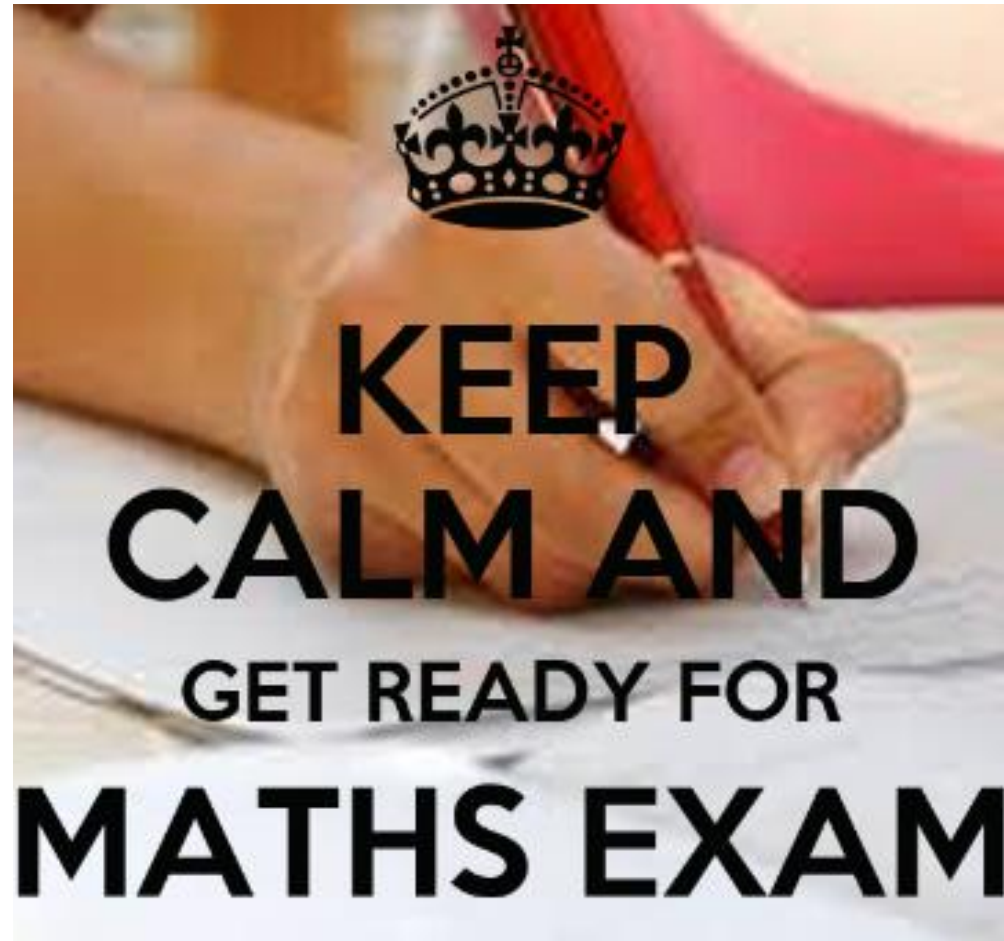
1. Unifrog- Personality quiz
2. 1-2-1 career's interview January 2022
3. Careers day in summer 2021
4. Post 16 assemblies
5. Year 11 destinations data(75% response)
6. Support from the inclusion team



## Our responsibility...

- Every Year 11 should leave Forest Hill with a place at a Post 16 educational institution
- Every Year 11 should leave with good advice about careers and options going forward
- Every Year 11 should have applied
- Interviews and references taking place
- Definite destinations needed by June/July

# GCSE Maths



# Exam Dates



Paper 1 (Non calculator)	Paper 2 (Calculator)	Paper 3 (Calculator)
Friday 19 May 2023 (AM)	Wednesday 07 June 2023 (AM)	Wednesday 14 June 2023 (AM)
80 marks	80 marks	80 marks
1 hour 30 minutes	1 hour 30 minutes	1 hour 30 minutes



# How to support your child

- Regular maths practice as part of revision timetable
- Make them revise with friends or with family – it helps for them to talk through how to approach maths problems
- Make them complete past questions/papers
- Complete them in silence with a timer
- Make them explain key mathematical concepts to you





# What else do they need?

- Scientific calculator
- Maths Set
- Maths practice books/revision guides
- Past papers

Revise!

## Which of these is your child doing...?



Revision strategy	✓
Following their own revision timetable – 3 hours of maths a week	
Using Mathswatch to look up key topics – every week night	
Using Maths genie to look at the topics for each grade – ½ hr every other night	
Using the Corbett maths revision cards – every day or make your own.	
Using Maths genie to access revision resources e.g past exam papers	
Completing at least one past exam paper a week and have it marked	
Working through PIXI revision booklets 3 hours a week	
Going over their flashcards/mind maps everyday	
Going over Mathematical formulae everyday	
Trying the stretch and challenge questions in lessons	
Explaining concepts to others to check their general understanding	
Highlighting their weak areas in lessons and working on at least one of them a week.	
Seeking help from their teacher or peers when they do not understand a concept	

# GSCE English Literature and Language



ASPIRING TO EXCELLENCE TOGETHER



HARD WORK



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# English Language

- Two 1 hour 45minute exams
- Fiction and Non-Fiction
- No higher or lower paper
- Revision is about practice
- Timing is important

# When are the exams?



Paper 1	Paper 2
Monday 5 <sup>th</sup> June 2023 (AM)	Monday 12 <sup>th</sup> June 2023 (AM)
1 hour 45 minutes	1 hour 45 minutes



# Exam Questions

0 4

Focus this part of your answer on the second part of the source, from **line 19 to the end**.

A student said, 'This part of the story, set in the hat shop, shows that the red-haired girl has many advantages in life, and I think Rosabel is right to be angry.'

To what extent do you agree?

In your response, you could:

- consider your own impressions of the red-haired girl
- evaluate how the writer conveys Rosabel's reactions to the red-haired girl
- support your response with references to the text.

**[20 marks]**

# Exam Questions

Your local newspaper is running a creative writing competition and they intend to publish the winning entries.

**Either**

Describe a journey by bus as suggested by this picture:



or

Write a story about two people from very different backgrounds.

(24 marks for content and organisation  
16 marks for technical accuracy)

140 marks



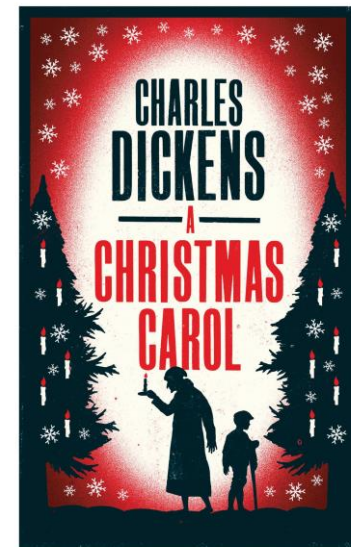
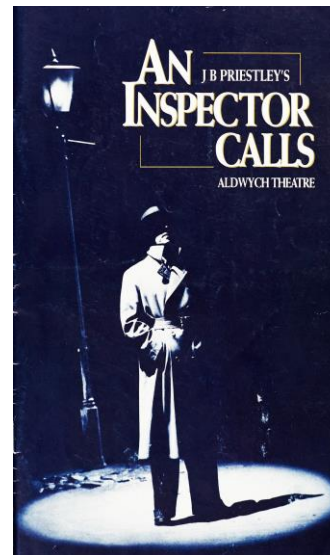
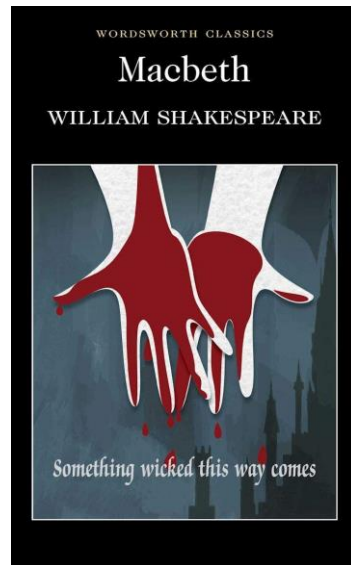
# What should your son be doing?

- Consistently read challenging texts
- Purchase / download past papers
- Use the revision guides online
- Email practice to teachers
- Use Seneca, Oak Academy, Bitesize



# English Literature

- Macbeth, A Christmas Carol
- Conflict Poetry, An Inspector Calls, Unseen Poetry





# When are the Exams?

Paper 1	Paper 2
Wednesday 17 <sup>th</sup> May 2023 (AM)	Wednesday 24 <sup>th</sup> May (AM)
1 hour 45 minutes	2 hours 15 minutes

# Exam Questions

- Two truths are told,  
As happy prologues to the swelling act  
Of the imperial theme. – I thank you, gentlemen. –
- 10 This supernatural soliciting  
Cannot be ill, cannot be good. If ill,  
Why hath it given me earnest of success,  
Commencing in a truth? I am Thane of Cawdor.  
If good, why do I yield to that suggestion,  
Whose horrid image doth unfix my hair  
And make my seated heart knock at my ribs  
Against the use of nature? Present fears  
Are less than horrible imaginings.  
My thought, whose murder yet is but fantastical,  
20 Shakes so my single state of man that function  
Is smothered in surmise, and nothing is,  
But what is not.

Starting with this moment in the play, explore how Shakespeare presents the attitudes of Macbeth and Banquo towards the supernatural.

Write about:

- how Shakespeare presents the attitudes of Macbeth and Banquo towards the supernatural in this extract
- how Shakespeare presents the attitudes of Macbeth and Banquo towards the supernatural in the play as a whole.

[30 marks]  
AO4 [4 marks]

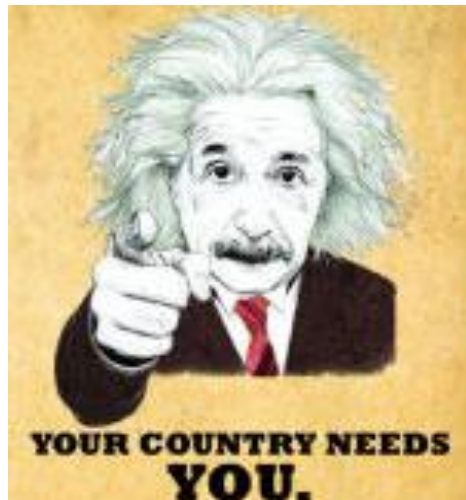


# How you can support your son?

- Start revising early
- Learn the quotations and key scenes
- Flash Cards / Mind Maps
- An organised File
- Practice Questions
- Use Seneca, Oak Academy, Bitesize
- Avoid YouTube Teachers
- Examiners interested to see that students know the whole text



# How can I revise for science?



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# Organise your revision schedule starting with the checklists.



Highlight keywords and definitions to build on your science vocabulary.

You should have a printed copy or electronic copies available on Hand-in.

B1H

AQA GCSE Combined Science (9-1)

Topic 1: Cell Biology



#### 4.1.1 Cell structure

##### 4.1.1.1 Eukaryotes and prokaryotes

Plant and animal cells (eukaryotic cells) have a **cell membrane**, **cytoplasm** and genetic material enclosed in a **nucleus**.

Bacterial cells (prokaryotic cells) are much smaller in comparison. They have **cytoplasm** and a **cell membrane** surrounded by a **cell wall**. The genetic material is not enclosed in a nucleus. It is a single **DNA loop** and there may be one or more small rings of DNA called **plasmids**.

Students should be able to:

- ★ Demonstrate an understanding of the scale and size of cells and be able to make order of magnitude calculations, including the use of standard form.

**WS 4.4** Use prefixes centi, milli, micro and nano.

##### 4.1.1.2 Animal and plant cells

Most animal cells have the following parts:

- a **nucleus**, which controls the activities of the cell
- **cytoplasm**, in which most of the chemical reactions take place|

# Use the **knowledge organisers** to learn the essential key concepts.



Lots of visuals.

Information is in digestible chunks.

Comes with quick questions to test yourself.

## C2 – Organic Chemistry

### Crude oil

- Crude oil = a mixture of **hydrocarbons**.
- It is a **non-renewable resource (fossil fuel)**
- Made from remains of dead sea creatures **compressed** over millions of years

**Hydrocarbons** - molecules containing **hydrogen** and **carbon** only.

Two types of hydrocarbons are **alkanes** and **alkenes**. The hydrocarbons in crude oil are mostly alkanes.

### Alkanes

- Alkanes = **saturated** hydrocarbons.
- Held together by **single covalent bonds**.
- General formula =  $C_nH_{2n+2}$
- Have different boiling points – longer the chain, higher the boiling point

You need to remember the names, and formulas of the first 4 alkanes.

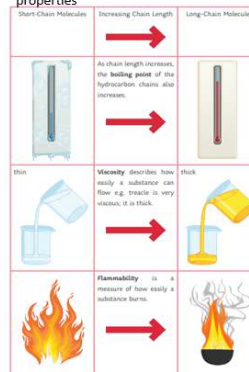
Name of Alkane	Structural Formula	Molecular Formula
methane	$\begin{array}{c} \text{H} \\   \\ \text{H}-\text{C}-\text{H} \\   \\ \text{H} \end{array}$	$CH_4$
ethane	$\begin{array}{c} \text{H} & \text{H} \\   &   \\ \text{H}-\text{C}-\text{C}-\text{H} \\   &   \\ \text{H} & \text{H} \end{array}$	$C_2H_6$
propane	$\begin{array}{c} \text{H} & \text{H} & \text{H} \\   &   &   \\ \text{H}-\text{C}-\text{C}-\text{C}-\text{H} \\   &   &   \\ \text{H} & \text{H} & \text{H} \end{array}$	$C_3H_8$
butane	$\begin{array}{c} \text{H} & \text{H} & \text{H} & \text{H} \\   &   &   &   \\ \text{H}-\text{C}-\text{C}-\text{C}-\text{C}-\text{H} \\   &   &   &   \\ \text{H} & \text{H} & \text{H} & \text{H} \end{array}$	$C_4H_{10}$

### Fractional Distillation

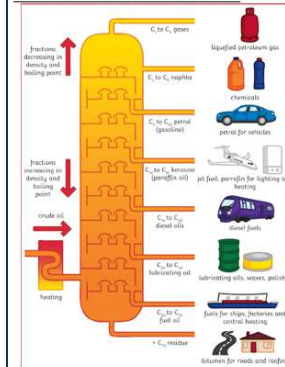
- Used to **separate** the mixtures of hydrocarbons in **crude oil**.

#### Steps in Fractional Distillation

- Crude oil enters **fractioning column** and is heated to boiling point so the hydrocarbons evaporate.
- It is **cooler** at the **top** of the fractionating column and **hotter** at the **bottom**.
- Vapours rise up the column and, as they rise, they cool
- The different hydrocarbons condense at different **boiling points**
- The different 'fractions' have different properties



### Uses of the different fractions



### Supply and demand

Product	Supply in tonnes	Demand in tonnes
petrol	100	300
diesel	200	100
heating oil	250	50

After fractional distillation, we find:

- we have more of the long chain hydrocarbons than we need
- There are not enough short chain hydrocarbons.
- Short chain are more useful as they are more flammable so can be used as fuels.

# Learn how to use the **equations** needed to help revise Physics.



You can find these at the back of your checklist .

Don't forget to learn the units.

**Top tip:**

*Write them onto flashcards or poster paper and stick it on your bedroom wall.*

Equation number	Word equation	Symbol equation
1	weight = mass × gravitational field strength ( $g$ )	$W = m g$
2	work done = force × distance (along the line of action of the force)	$W = F s$
3	force applied to a spring = spring constant × extension	$F = k e$
4	distance travelled = speed × time	$s = v t$
5	acceleration = $\frac{\text{change in velocity}}{\text{time taken}}$	$a = \frac{\Delta v}{t}$
6	resultant force = mass × acceleration	$F = m a$
7 HT	momentum = mass × velocity	$p = m v$
8	kinetic energy = $0.5 \times \text{mass} \times (\text{speed})^2$	$E_k = \frac{1}{2} m v^2$



# Watch **free science lessons** on YouTube

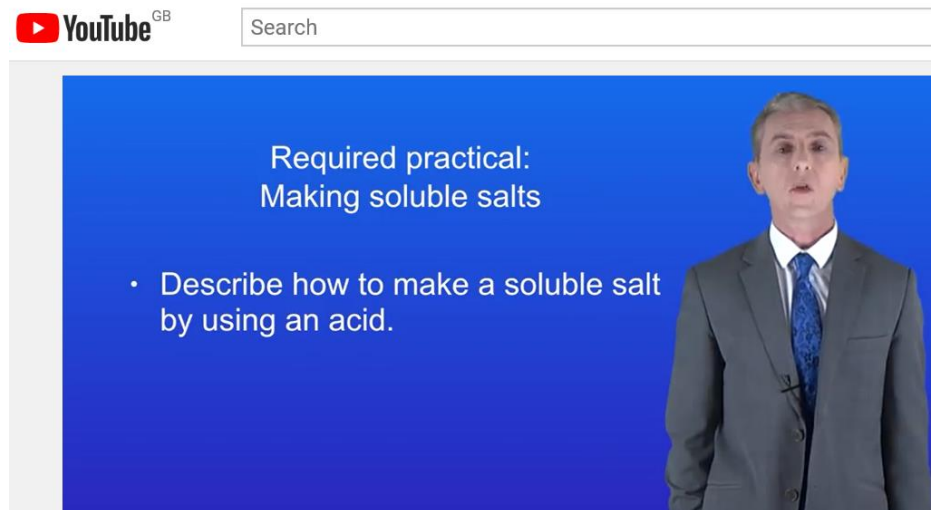


Watch these videos to help you understand difficult topics.

Videos are short, include diagrams and good explanations.

Excellent for revising the required practical's.

You can also use Seneca learning.



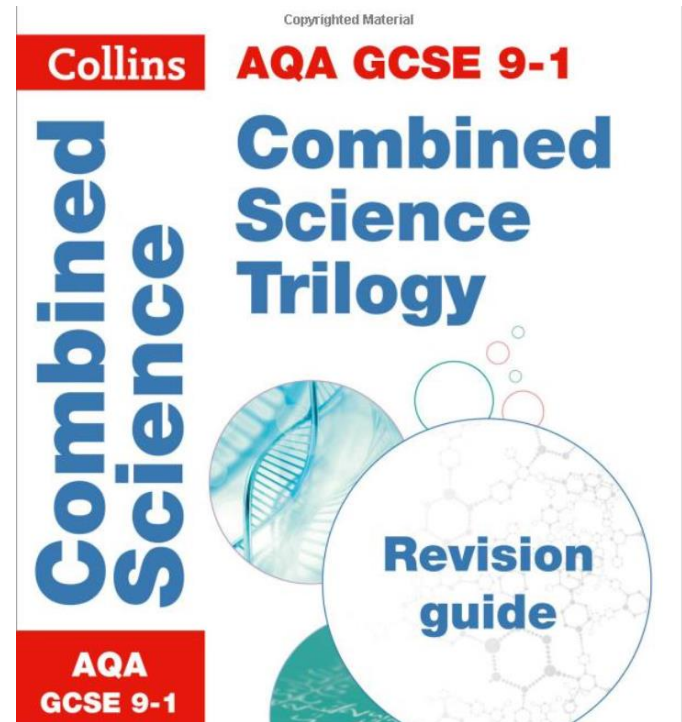
# All-in-one **revision guide** on ParentPay



Covers every topic in  
Yr 10 and 11.

Complete with exam  
style questions and  
mark schemes.

Triple science guides  
also available.



Learn the meaning of **command** words in science to help you answer exam questions.



**Explain**

**Describe**

**Devise**

**Suggest**

**Compare**

**Outline**

**Evaluate**

# Test yourself- complete exam questions



Practice, practice and more practice!

Use the **mark scheme** to help you understand the language/wording needed to be gain marks.

You will find **practice papers in the shared area.**



# When are the exams?

Biology Paper 1	Chemistry Paper 1	Physics Paper 1
Tuesday 16 <sup>th</sup> May (AM)	Monday 22 <sup>nd</sup> May (AM)	Thursday 25 <sup>th</sup> May (AM)
1hr 15 Combined 1hr 45 Triple	1hr 15 Combined 1hr 45 Triple	1hr 15 Combined 1hr 45 Triple
Biology Paper 2	Chemistry Paper 2	Physics Paper 2
Friday 9 <sup>th</sup> June (PM)	Monday 12 <sup>th</sup> June (AM)	Friday 16 <sup>th</sup> June (AM)
1hr 15 Combined 1hr 45 Triple	1hr 15 Combined 1hr 45 Triple	1hr 15 Combined 1hr 45 Triple



# Contacts

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- Susan Sutton-Adegoke – Head of Year 11 – [s.sutton-Adegoke@foresthillschool.co.uk](mailto:s.sutton-Adegoke@foresthillschool.co.uk)
- George German – Deputy Head – [g.german@foresthillschool.co.uk](mailto:g.german@foresthillschool.co.uk)



## What extra support are we currently offering?

- Monday P6 – SEND students tutoring in English, Maths and Science
- Tuesday P6 – All Year 11 intervention in underperforming subjects
- Thursday P6 – Year 12 tutoring in English/Maths/Science for Bridging the Gap students
- Mentors available for key students
- Kingswood Revision weekend this weekend

# What other support will be on offer?



- Saturday school starting the first Saturday after half term in key subjects
- Revision timetable during examination with lessons continuing until their last exam
- No Study Leave during examinations – students learn better with their teachers





# Coursework Key Tips

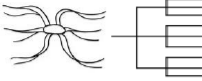

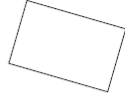



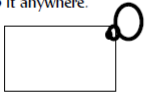




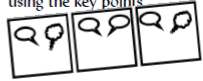
- Certain subjects have coursework that will need to be completed
- These subjects are
  - Art
  - Photography
  - Product Design
  - Drama
  - Dance
  - Sports Science (PE)
  - Music
  - Music Tech
  - iMedia
- Coursework should be completed to the best of each student's ability as soon as possible
- Often students hand in coursework that drags their grades down – not acceptable

Do you know what they have to do for coursework?  
Do you know what grade their work currently is at  
Do you know when the deadline is for the coursework?  
If you are not sure, contact the teacher for more information

There are extra coursework sessions for all of these subjects to help students

# Study Skills

- Revision Timetable
- 12 key study skills
- Test yourself!
- Practice, Practice, Practice!
- Seneca Learning and other online learning tools

<p><b>Map It</b></p> <p>Create a mind map of the key points.</p> 	<p><b>Journey It</b></p> <p>Remember lists of information by placing images on a journey.</p> 	<p><b>Index It</b></p> <p>Transfer the key points to index cards.</p> 
<p><b>Story It</b></p> <p>Create a weird and vivid story using the key points.</p> 	<p><b>Mnemonic It</b></p> <p>Use the first letter of key words to create a sentence.</p> <p>A well known example: Never Eat Shredded Wheat</p> 	<p><b>Teach It</b></p> <p>Create a presentation about the key points and teach it to someone.</p> 
<p><b>Flip It</b></p> <p>Write questions and answers and flip it anywhere.</p> 	<p><b>Timeline It</b></p> <p>Place key points along a line in date order.</p> 	<p><b>Sing It</b></p> <p>Set key points to some familiar music/rap.</p> 
<p><b>Record It</b></p> <p>Use your mobile to record yourself explaining the key points and play it back regularly.</p> 	<p><b>Post It</b></p> <p>Write key words on to Post Its and stick them around your room.</p> 	<p><b>Comic It</b></p> <p>Create your own comic strip using the key points.</p> 

# Seneca Learning



This is an adaptive learning platform that includes revision materials for all knowledge based GCSE's

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

Username: School Email

Password: seneca2020

Seneca is proven to improve students knowledge and recall of key facts for their subjects

15-30 minutes of Seneca a day will improve your grades!

Use the School Email account as your classes are all set up and your teachers will put courses and assignments here. DON'T USE YOUR OWN EMAIL OR EARLIER ACCOUNTS

**Classes and Assignments** – This is where your teachers will have placed your courses and any work you need to do

**Courses** – You can also search for your own courses if these are not set up yet

# Exam Stress and Mental Health

## HOW TO DEAL WITH EXAM STRESS



Take up exercise



Shared worries with friends or sought out university counsellor for help and guidance



Rewarded self for studying



Took up meditation



Blocked the internet while studying or revising



Read about successful people who had underperformed at college/university to discount any negative thoughts



Visualised what they want to achieve each day



Listen to uplifting music



Listen to comedy



Keep a plan of each day's work



Do small amount of work each day before letting it build up.



Stopped drinking alcohol



- Be organised
- Get enough sleep
- Eat healthily
- Plan your revision!



# Remember

- 14 school days until the next set of Centre Assessments
- 54 school days until the GCSE examinations start