

GCSE Information Evening

How you can support your
child



ASPIRING TO EXCELLENCE TOGETHER



GCSE Information Evening



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



Key Dates

- 7th November – SFH6 Open Evening
- wb 13th November – Music Tech Exam
- wb 20th November – MFL Speaking Exams
- 27th November – 15th December – Winter Centre Assessments
- 4th – 15th March – Spring Centre Assessments
- 9th May onwards – GCSE exams
- 27th June – Year 11 Graduation
- 28th June – Year 11 official final day



Winter Centre Assessments

Wb 13th November – Music Tech Controlled Assessment Exam (part of the final GCSE grade)

Wb 20th November – MFL Speaking Exams

	Monday 27 th November	Tuesday 28 th November	Wednesday 29 th November	Thursday 30 th November	Friday 1 st December
P1	Business Studies 1hr45	English Literature Paper 2 An Inspector Calls & Poetry 2hr15	Maths Paper 1 1hr30	History Paper 1 1hr15	Geography Paper 3 1hr30
P2					
P3	Biology Paper 1 1hr15/1hr45	MFL Writing 1hr/1hr15	Computer Science Paper 1 1hr30	English Language Paper 1 1hr45	Chemistry Paper 1 1hr15/1hr45
P4					
P5		IT exam 1hr30	Geography Paper 1 1hr	MFL Reading 45mins/1hr	

	Monday 4 th December	Tuesday 5 th December	Wednesday 6 th December	Thursday 7 th December	Friday 8 th December
P1	Drama Exam 1hr45	Physics Paper 1 1hr15/1hr45	Maths Paper 3 1hr30	History Paper 3 1hr20	Product Design 11A Sports Science All day
P2					
P3	Maths Paper 2 1hr30	MFL Listening 40/50 mins	Computer Science Paper 2 1hr30	Product Design 2hrs Sports Science 1hr	
P4					
P5		Music Listening 1hr30			

	Monday 11 th December	Tuesday 12 th December	Wednesday 13 th December	Thursday 14 th December	Friday 15 th December
All day	Art All day	Art All day	Photography All day	Photography All day	Product Design 11B All day



Provisional GCSE Exam Dates

Exam Date	Subject	Title
09/05/2024	Drama	Drama
10/05/2024	German	German Paper 1 and Paper 3
10/05/2024	Combined Science: Trilogy	Combined Science: Trilogy - Biology Paper 1 (both tiers)
10/05/2024	Biology	Biology Paper 1 (both tiers)
13/05/2024	English Literature	English Literature Paper 1
14/05/2024	Business	Paper 1: Investigating Small Business
15/05/2024	History	Paper 1: Thematic study and historic environment
16/05/2024	Mathematics	Paper 1 (Non-Calculator)
17/05/2024	Chemistry	Chemistry Paper 1 (both tiers)
17/05/2024	Combined Science: Trilogy	Combined Science: Trilogy - Chemistry Paper 1 (both tiers)
20/05/2024	English Literature	English Literature Paper 2
21/05/2024	German	German Paper 4
22/05/2024	Combined Science: Trilogy	Combined Science: Trilogy - Physics Paper 1 (both tiers)
22/05/2024	Physics	Physics Paper 1
23/05/2024	English Language	English Language Paper 1
03/06/2024	Mathematics	Paper 2 (Calculator)
04/06/2024	Spanish	Spanish Paper 1 and Paper 3
04/06/2024	History	Paper 2: British depth study & Period study
05/06/2024	Business	Paper 2: Building a Business
06/06/2024	English Language	English Language Paper 2
07/06/2024	Biology	Biology Paper 2 (both tiers)
07/06/2024	Combined Science: Trilogy	Combined Science: Trilogy - Biology Paper 2 (both tiers)
10/06/2024	Spanish	Spanish Paper 4
10/06/2024	Mathematics	Paper 3 (Calculator)
11/06/2024	History	Paper 3: Modern depth study
11/06/2024	Combined Science: Trilogy	Combined Science: Trilogy - Chemistry Paper 2 (both tiers)
11/06/2024	Chemistry	Chemistry Paper 2 (both tiers)
14/06/2024	Physics	Physics Paper 2 (both tiers)
14/06/2024	Combined Science: Trilogy	Combined Science: Trilogy - Physics Paper 2 (both tiers)
18/06/2024	Design and Technology	Design and Technology Component 1 (Eduqas)

Community Languages

Arabic	Gujarati	Polish
Bengali	Italian	Portuguese
Chinese (Mandarin)	Japanese	Russian
French	Modern Hebrew	Spanish
German	Panjabi	Turkish
Greek	Persian	Urdu
Sinhala (IGCSE)	Tamil (IGCSE)	Swahili (IGCSE)

- If your child speaks any of these they can be entered for an extra GCSE in it
- Please contact Mr Brassington (d.brassington@foresthillschool.co.uk)

GCSE Information Evening -Careers



The journey so far/Next steps

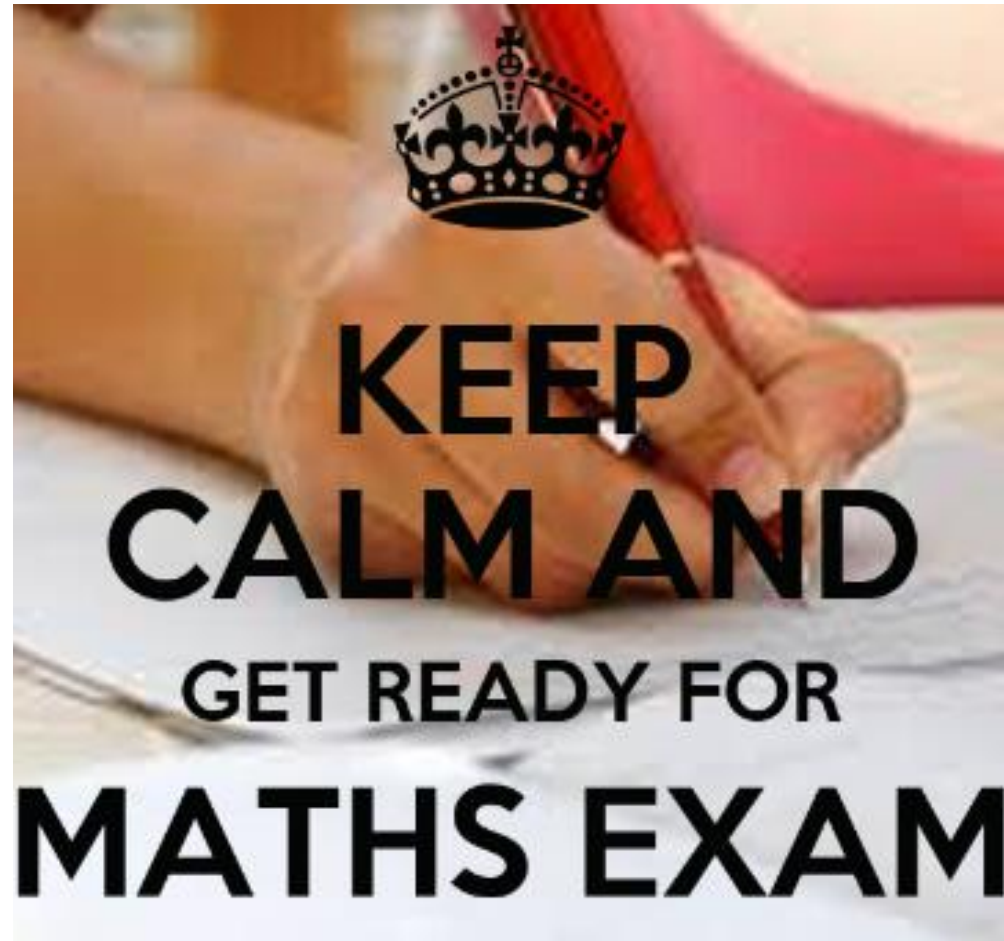
1. Unifrog- Personality quiz
2. 1-2-1 career's interview **January 2023**
3. Post 16 open days
4. Year 11 destinations data
5. Support from the inclusion team



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 by the end of this term
- Interviews/References etc will take place next term

GCSE Maths



Exam Dates



Paper 1 (Non calculator)	Paper 2 (Calculator)	Paper 3 (Calculator)
Thursday 16 th May 2024 (AM)	Monday 3 rd June 2024 (AM)	Monday 10 th June 2024 (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



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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
Thursday 23 rd May 2024 (AM)	Thursday 6 th June 2024 (AM)
1 hour 45 minutes	1 hour 45 minutes

Exam Questions

0	4
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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

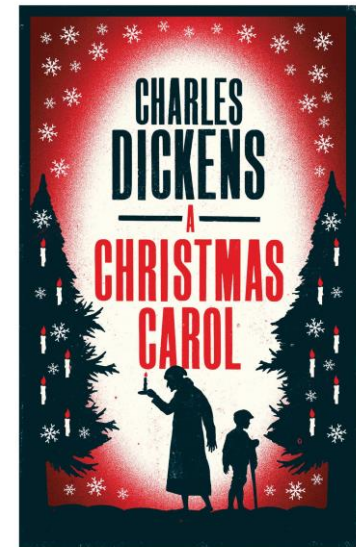
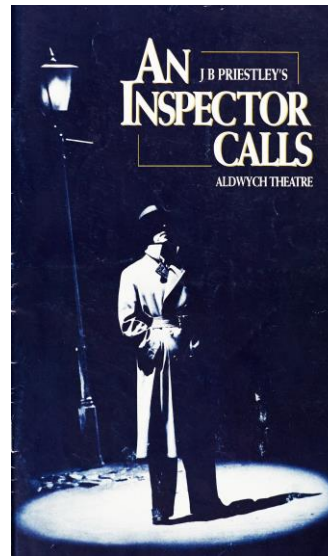
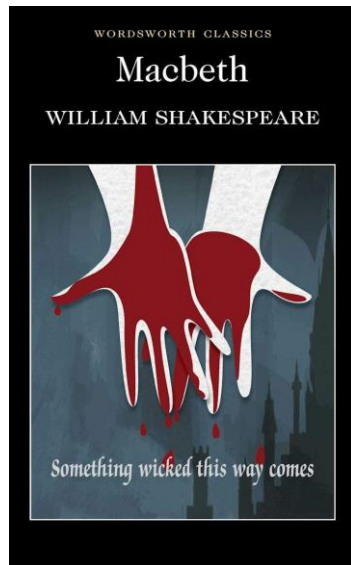


What should your son be doing?

- 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
Monday 13 th May (AM)	Monday 20 th 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,
- 15 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]

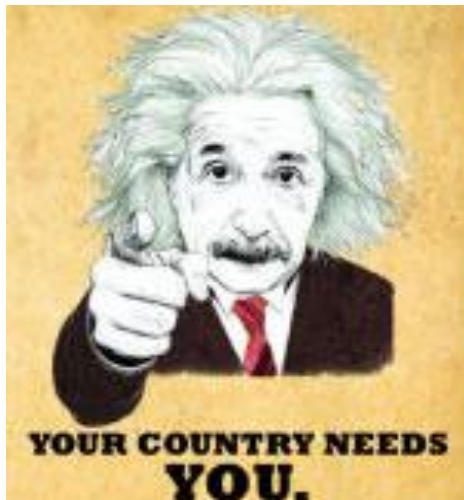


How you can support your son?

- 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 Satchel One.

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.

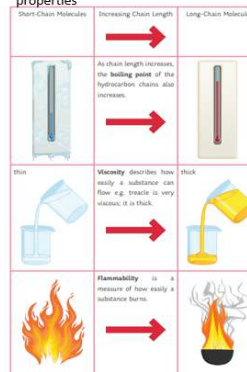
Name of Alkane	Structural Formula	Molecular Formula
methane	$\begin{array}{c} \text{H} \\ \\ \text{H}-\text{C}-\text{H} \\ \\ \text{H} \end{array}$	CH_4
ethane	$\begin{array}{c} \text{H} & \text{H} \\ & \\ \text{H}-\text{C}-\text{C}-\text{H} \\ & \\ \text{H} & \text{H} \end{array}$	C_2H_6
propane	$\begin{array}{c}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

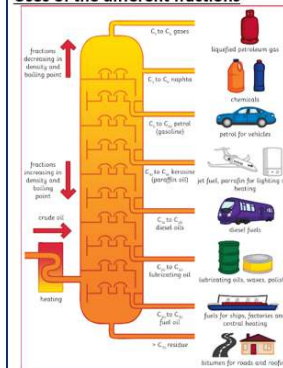
- Used to **separate** the mixtures of hydrocarbons in **crude oil**.

Steps in Fractional Distillation

- Crude oil enters **fractionating 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 \times gravitational field strength (g)	$W = m g$
2	work done = force \times distance (along the line of action of the force)	$W = F s$
3	force applied to a spring = spring constant \times extension	$F = k e$
4	distance travelled = speed \times time	$s = v t$
5	acceleration = $\frac{\text{change in velocity}}{\text{time taken}}$	$a = \frac{\Delta v}{t}$
6	resultant force = mass \times acceleration	$F = m a$
7 HT	momentum = mass \times 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

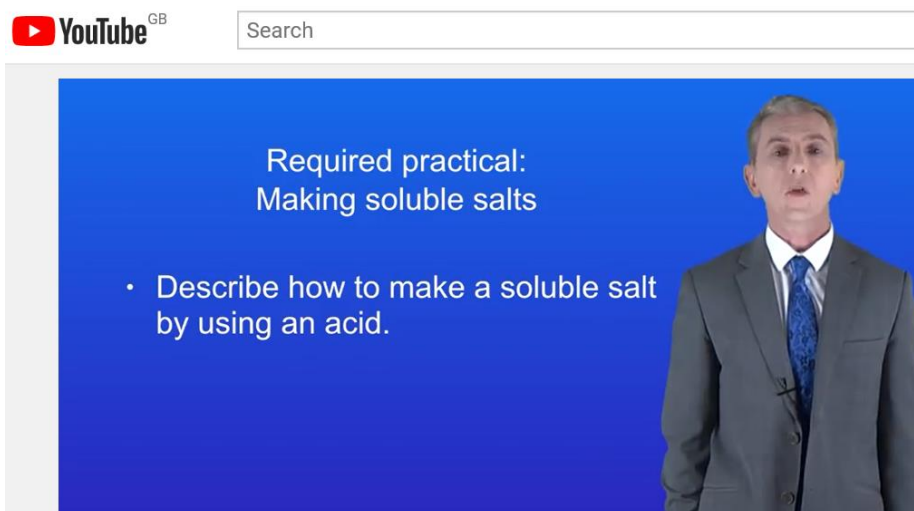


Watch these videos to help you understand difficult topics.

Videos are short, include diagrams and good explanations.

Excellent for revising the required practical's.

You can also use Seneca learning.



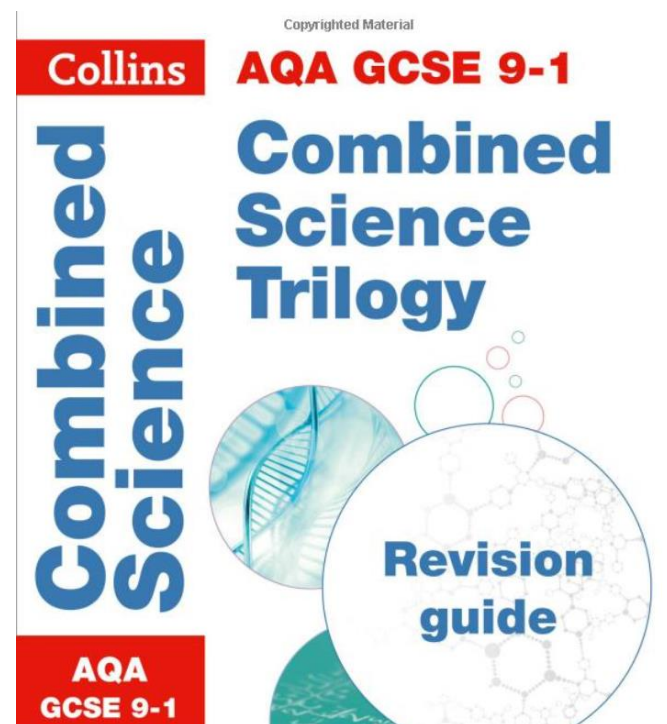
All-in-one **revision guide** on ParentPay



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
Friday 10 th May (AM) 1hr 15 Combined 1hr 45 Triple	Friday 17 th May (AM) 1hr 15 Combined 1hr 45 Triple	Wednesday 22 nd May (AM) 1hr 15 Combined 1hr 45 Triple
Biology Paper 2	Chemistry Paper 2	Physics Paper 2
Friday 7 th June (PM) 1hr 15 Combined 1hr 45 Triple	Tuesday 11 th June (AM) 1hr 15 Combined 1hr 45 Triple	Friday 14 th June (PM) 1hr 15 Combined 1hr 45 Triple



Contacts

- Richard Lamb – Faculty Leader for English & REPP – r.lamb@foresthillschool.co.uk
- Godwin Kanton – Faculty Leader for Maths & Business – g.kanton@foresthillschool.co.uk
- Radhika Vilas – Faculty Leader for Science & Computing – r.vilas@foresthillschool.co.uk
- Alan Brook – Faculty Leader for Humanities & MFL – a.brook@foresthillschool.co.uk
- Kris Hollidge – Faculty Leader for Expressive Arts – k.Hollidge@foresthillschool.co.uk
- Justin Crowe – Head of Year 11 – j.crowe@foresthillschool.co.uk
- George German – Deputy Head – g.german@foresthillschool.co.uk

What extra support are we currently offering?



- Tuesday P6 – All Year 11 intervention in underperforming subjects
- Saturday school – next 4 Saturdays
- Thursday P6 – Year 12 tutoring in English/Maths/Science
- Kingswood Revise and Revive weekends

What other support will be on offer?



- Tutor time intervention after March Centre Assessments
- 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
 - Sports Science (PE)
 - Music
 - Music Tech
 - ICT
- 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

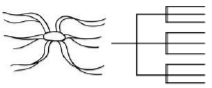

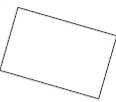

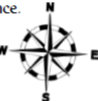






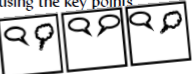
Do you know when the deadline is for the coursework?

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

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

Seneca Learning



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

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

- 26 days until the next set of Centre Assessments
- Every day counts!