GCSE Support Evening

19/09/23

The Purpose of This Evening

- To ensure parents feel informed and supported about the challenge ahead.
- To hear from students that were in your shoes last year.
- To give advice to students and parents about learning at home.

Year 11 Key Contacts

Head of Year

Mr. Waterworth

Form Tutors

Mrs. Barrow
Miss. Hart
Mrs. Holcroft
Mr. Hughes Alty
Ms. Jones
Mr. Nichols
Mrs. Parkinson
Mr. Wigham
Mrs. Williams

KEY DATES

Year 11 Key Dates

Assessments

1st Assessment Week - 25/09/23

Christmas Mocks - 04/12/23

Easter Mocks - 11/03/24

GCSE Start - 09/05/24

Parents Evenings and Reports

First Report - 30/10/22

Parents Eve - 17/01/24

Parents Eve - 17/04/24

Period 6

Starts on Monday 25th September.

Strongly recommend students to attend if they have a session.

Week A	Mon	Tue	Wed	Thu	Fri
	Opt B	English		Maths	F. Maths
Week B	Mon	Tue	Wed	Thu	Fri
	Opt C	Opt A		Science	F. Maths

Period 6 Rewards (Sep-Dec)(Jan-April)

100% attendance to all period 6: Draw for £50, £30, £20 vouchers

100% attendance to subject period 6: Draw for free prom ticket

Period 6 Hard worker award: 1st £50 voucher, 2nd £30 voucher, 3rd £20 voucher

Period 6 highest attending form: Reward trip to those who attended

Shevington High School

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Past Students

I must do my revision
I must do my revision
I must do my revision
I must do my revision
I must do my revi

How to Get Organised

- Subject folders
- Plastic wallets
- File dividers
- Stationery
- Follow a timetable
- Have a sensible working area
- Diary/Planner
- Know your exam dates

DISTRACTIONS
DISTRACTIONS EVERYWHERE
Troll.me

Effective Revision Conditions

NO MOBILE DEVICES

Quiet space

Away from all distractions

Have a designated area that isn't located in your relaxing zone

Take advantage of your school environment

Meeting with people can SOMETIMES be beneficial

TOP TIPS

(students)

Take class tests/mocks seriously

Eat breakfast and ensure you get enough sleep

Use the schools/exam resources

Start early !!!! (Now!)

Remember to take regular breaks

Use a revision app

Revise the aspects you struggle with and not just what you enjoy/are good at

Get the spec!

TOP TIPS

Test your child

Offer emotional support

Enforce time for a break and mobile phone rule

Ensure they've created a revision timetable

Leave them/give them space when working

Organise an area for study

Help them get organised; Folders, postcards, etc

Ask what's going on –but light-touch

Check progress & completion of homework

Breakfast & water

Wellbeing Action Calendar

Take time to ask someone how they are	Do something that makes you happy	Say one nice/positive thing to someone today	Make a plan to meet someone dear to you	Do a random act of kindness for someone today	Tell someone important how much they mean to you	Go for a walk
Be nice to someone today	Set a good example today	Give a compliment	Thank people	Offer hugs to your loved ones and friends	Smile at someone today	Write down 3 things you are grateful for
Go for a 30 minute walk	Meditate: Sit, relax, focus on breathing	Take time to check in on someone today	Spend time in nature	Try a new activity today	Laugh	Draw or paint a picture
Sit in the sun for five minutes	List 3 things you like about yourself	Enjoy a sunset or sunrise	Introduce yourself to someone new	Drink a glass of water before each meal	Write a poem	Clean out a cluttered drawer
Do something you love	Send a nice text message to someone	Take a photo of something nice				

WALK IN MY SHOES
St Patrick's Mental Health Services

© walkinmyshoes

@walkinmyshoes /walkinmyshoes @stpatricksmentalhealthservices

TEN STEPS TO

MINDFULNESS MEDITATION

Create time & space.
Choose a regular time each day for mindfulness meditation practice, ideally a quiet place free from distraction

Set a timer.
Start with just 5 minutes and ease your way up to 15-40 minutes.

Find a comfortable sitting position.
Sit cross-legged on the floor, on the grass, or in a chair your feet flat on the ground.

Check your posture.
Sit up straight, hands in a comfortable position. Keep neck long, chin tilted slightly downward, tongue resting on roof of mouth. Relax shoulders. Close eyes or gaze downward 5-10 feet in front of you.

Take deep breaths.
Deep breathing helps settle the body and establish your presence in the space

Direct attention to your breath.
Focus on a part of the body where the breath feels prominent: nostrils; back of throat; or diaphragm. Try not to switch focus.

Maintain attention to your breath.
As you inhale and exhale, focus on the breath. If attention wanders, return to the breath. Let go of thoughts, feelings or distractions.

Repeat steps 6-7.
For the duration of meditation session. The mind will wander. Simply acknowledge this and return to your breath.

Be kind to yourself.
Don't be upset if focus occasionally drifts or if you fall asleep. If very tired, meditate with eyes open and rearrange posture to more erect (but still relaxed) position.

Prepare for a soft landing.
When the timer goes off, keep eyes closed until you're ready to open them. Be thankful. Acknowledge your practice with gratitude.

A SIMPLE 5-STEP PROCESS TO

BEGIN ANY MEDITATION SESSION

IN 5 MINUTES OR LESS

HERBALMINDLIFE.COM

GET COMFORTABLE

6 SLOW, DEEP BREATHES

CLOSE EYES & RETURN TO NORMAL BREATH

FOCUS ON BREATH & BODY

STAY AWARE

HAPPY MEDITATING!

Success in GCSE Mathematics

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3 GCSE Mathematics Exam Papers

Higher and Foundation tests are on the same days for same length of time.
All papers are 1 hour and 30 minutes in length and are out of 80.

Paper 1	Paper 2	Paper 3
Non Calculator	Calculator	Calculator

Pupils will not know the content that is to be tested on each paper so should be fully prepared for any topic to come up. Some topics can be tested on more than one paper.

GCSE Mathematics Higher and Foundation

Higher

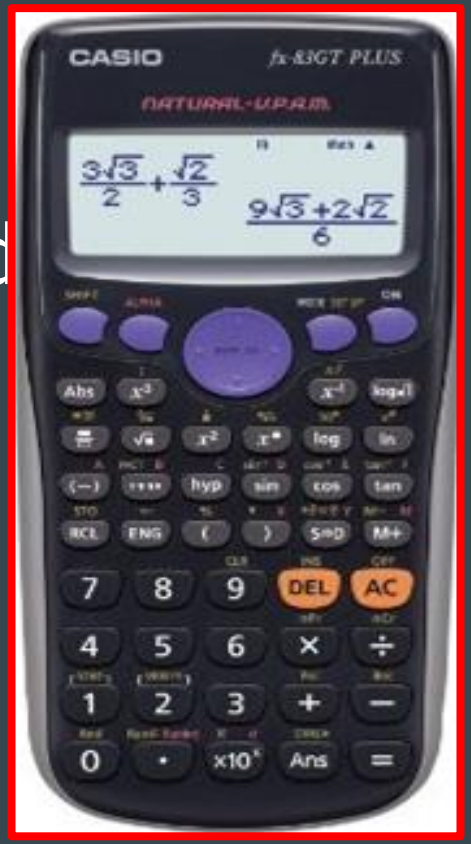
Based on Edexcel Higher Averages	
KS4	GRADE
85%	9
73%	8
60%	7
47%	6
33%	5
20%	4
13%	3

Foundation

Based on Edexcel Foundation Averages	
KS4	GRADE
76%	5
61%	4
45%	3
30%	2
14%	1

Essential Equipment Required

- Scientific Calculator (Casio preferred
- Black pen, pencil, ruler
- Maths Set



Using Weekly Analysis Grid to Revise...

All pupils are issued with one of these for each paper. We strongly encourage pupils to focus on the skills highlighted red as it was on these questions that your child scored zero marks. Sometimes this happens when a pupil is secure in a skill but does not know how to apply the skill to the question.

P6 sessions will be based on supporting pupils to revise using these!

Questions	Question Title	Score			Clip Number
1	Solve Linear Inequalities	2	/	2	139
2	Product of Prime Factors	2	/	2	78
3	Sharing using Ratio/Fraction and Percentage of an Amount	5	/	5	106/72/87
4	Standard Form	4	/	4	83
5	Angle Sum of Polygons	3	/	3	123
6	Drawing Quadratic Graphs	4	/	6	98
7	Volume of a Cuboid / Compound Units	3	/	3	115/142
8	Estimate for the Mean	3	/	3	130b
9	Surface Area of Cuboids	3	/	3	114a
10	Cumulative Frequency	4	/	6	186
11	Ratio, Fractions and Graphs	3	/	3	107
12	Recurring Decimals - Proof	3	/	3	189
13	Area of a Circle / Pythagoras' Theorem	0	/	3	117/150
14	Velocity-Time Graphs / Rate of Change	3	/	4	216
15	Vectors	1	/	5	219
16	Probability And and Or Questions	0	/	4	204
17	Direct and Inverse Proportion	0	/	4	199
18	Negative Indices / Fractional Indices	0	/	4	154/188
19	Algebraic Fractions - Solving	1	/	4	210b
20	Equation of a Line/ Perpendicular Lines	0	/	4	159b/208
21	Area of a Triangle using Sine		/	5	203

Using Weekly Analysis Grid to Revise...

This pupil should now plan to revise the following topics on Mathswatch.

Clip 117
Area of a Circle
Clip 150
Pythagoras' Theorem
Clip 204
Probability AND/OR Questions
Clip 199
Direct and Inverse Proportion
Clip 154
Negative Indices
Clip 188
Fractional Indices
Clip 159b
Equation of a Line
Clip 208
Perpendicular Lines
Clip 203
Area of a Triangle using Sine

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Using Weekly Analysis Grid to Revise...

Select Videos from the bar at the top, then search by clip number or by topic using words.

Clip 117

Area of a Circle

Using Weekly Analysis Grid to Revise...

We recommend that pupils watch the video, make a revision card and try the interactive questions.

Home Learning (Homework)

- An online homework task is set on Mathswatch weekly (to help revise for upcoming weekly assessments)
- A 2nd homework task is set on paper weekly (to help keep previous topics fresh)
- Both are set on Wednesdays, due the following Wednesday
- Students should do extra on top of this when revising and preparing for exams and assessments.

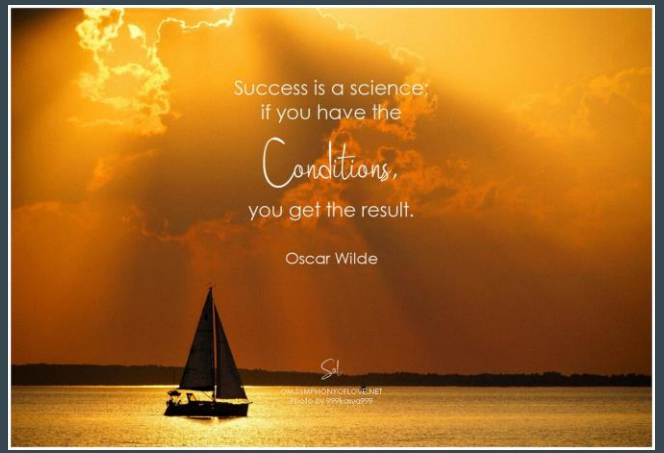
Questions you may want to ask your child on a weekly basis

- Have you completed your homework on Mathswatch and on paper?
- Can you show me what you have been working on this week as part of your revision?

We need your help and support

- Attendance
- Punctuality
- Keep us informed
- Behaviour
- Equipment
- Revision
- Coaching

GCSE Science - How can you help with science revision …



GCSE Combined Science (Trilogy)

- **Final Examination Assessments only**
- 6 papers each 1 hour 15 minutes (7-1/2 hours of examination)
- 2 x biology, 2 x physics, 2 x chemistry
- 70 marks per paper
- 2 grades awarded, 9-9 down to 1-1. Grade 4-4 is a low grade pass. Can achieve 5-4, 9-8 etc.

GCSE chemistry/biology/physics

- **Final Examination Assessments only**
- 6 papers each 1 hour 45 minutes (10-½ hours examination)
- 2 x biology, 2 x physics, 2 x chemistry
- 100 marks per paper
- 3 grades awarded, 9 down to 1. Grade 4 is a low grade pass.

Assessment Objectives (AOs)

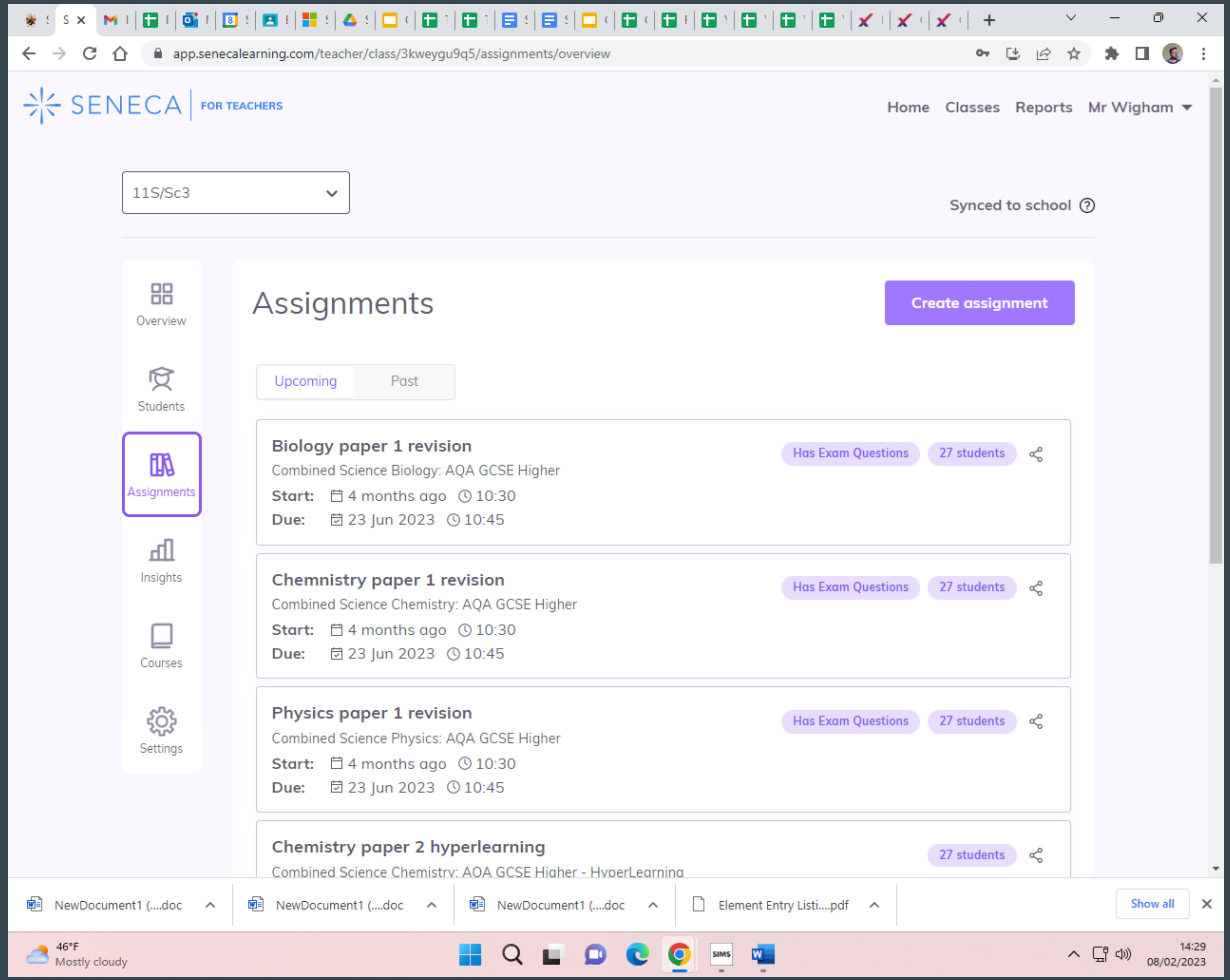
Assessment objectives (AOs) are set by Ofqual and are the same across all GCSE Combined Science: Trilogy specifications and all exam boards. The exams will measure how students have achieved the following assessment objectives.

- AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures. (40%)
- AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures. (40%)
- AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures. (20%)

Revision - Little and Often

- Equipment required: notebook, index cards, paper, revision guides/textbooks, laptop.
- Fitting science revision into their regular practice is a great way of making it seem less overwhelming. Start with areas they find the hardest.
- Use a variety of resources:
    - Seneca learning
    - Revision Guides
    - Online videos
    - Practice papers and GCSE Questions
- Sit down with your child and make sure they're really getting the topics they're covering. Learning to recognise their weak spots and to pinpoint the moment when they start to understand for themselves is key to improving their metacognition and their skills for life beyond school.

seneca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Reports
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Synced to school
Overview
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Assignments
Insights
Courses
Settings
Assignments
Create assignment
Upcoming
Past
Biology paper 1 revision
Combined Science Biology: AQA GCSE Higher
Start: 4 months ago 10:30
Due: 23 Jun 2023 10:45
Has Exam Questions
27 students
Chemnistry paper 1 revision
Combined Science Chemistry: AQA GCSE Higher
Start: 4 months ago 10:30
Due: 23 Jun 2023 10:45
Has Exam Questions
27 students
Physics paper 1 revision
Combined Science Physics: AQA GCSE Higher
Start: 4 months ago 10:30
Due: 23 Jun 2023 10:45
Has Exam Questions
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Chemistry paper 2 hyperlearning
Combined Science Chemistry: AQA GCSE Higher - HyperLearning
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Y11 SENECA REVISION CHALLENGE

What? - Revision challenge for paper 2 mocks

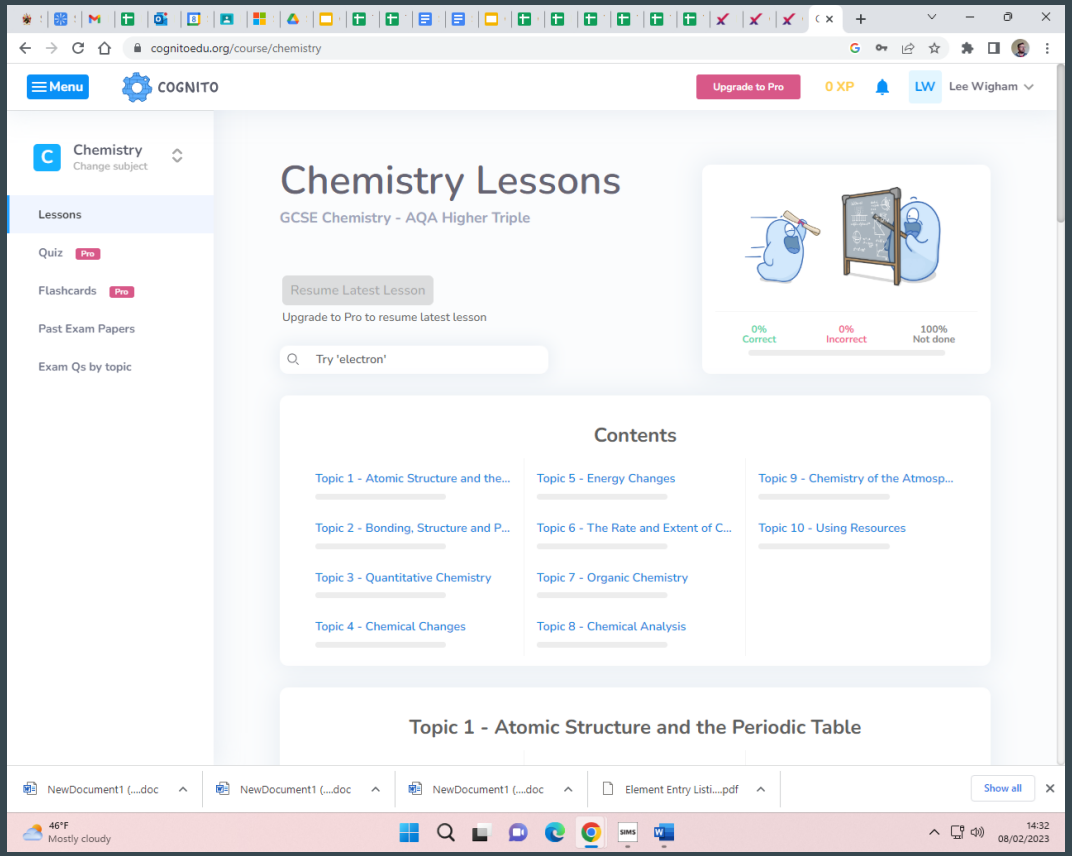
Who? - Split into triple, higher and foundation

How? - Complete as many hours of seneca as you can! These must be from the “SENECA REVISION CHALLENGE” assignments on your google classroom.

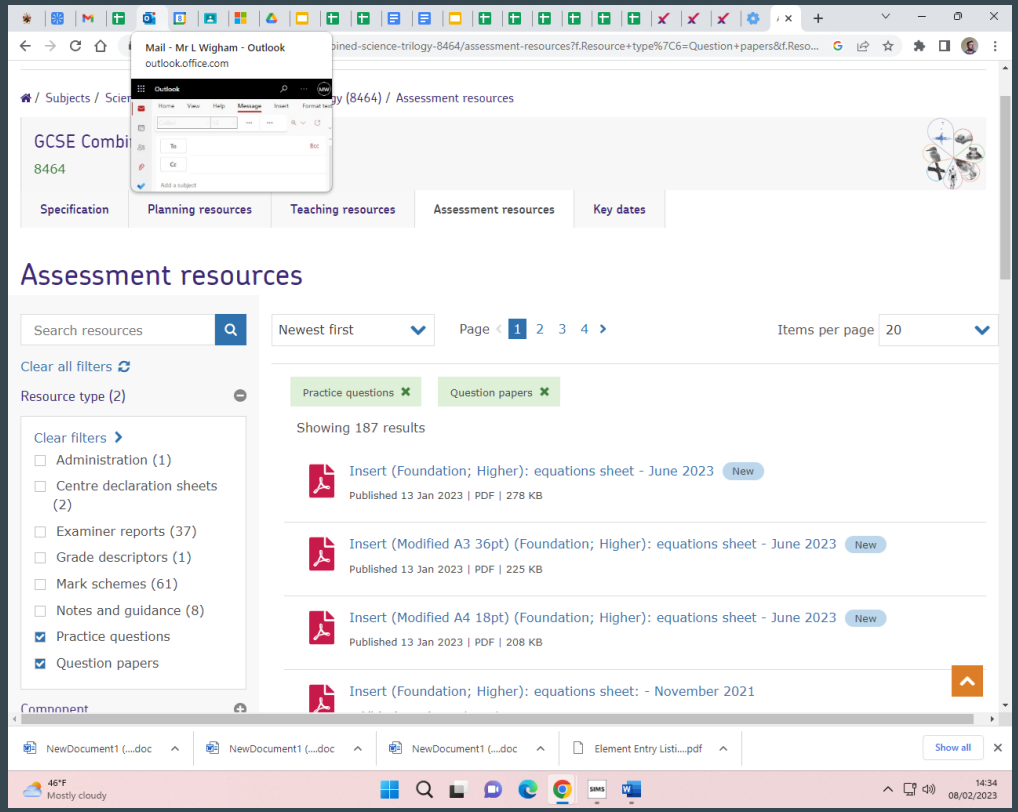
When? - From now until after mocks (after easter). Weekly winners and a final grand prize.

Grand prize - FREE PROM TICKET

Online Videos - https://cognitoedu.org/



Past papers: Exam Board: AQA GCSE Combined science - Trilogy



Practical tips:

- Follow the same revision timetable as the science teachers. (A timetable for classes has been made available). This helps the students when they come into lessons having already revised the topic.
- Use the revision guides or textbooks to test them.
- Identify areas of weakness and focus on these areas more to make the most progress.
- Practice questions (SLOP!)

How to use the textbooks to help with revision

Learning Objectives:

- Know that the rate of energy transfer (or work done) is power.
- Know that power is measured in watts, W, and 1 W = 1 J/s.
- Know and be able to use both $P = E \div t$ and $P = W \div t$.
- Be able to describe examples which illustrate the definition of power, e.g. that show that the higher the power, the less time it takes to supply a given amount of energy.

Specification Reference 6.1.1.4

Tip: These formula triangles might help with rearranging the power equations:

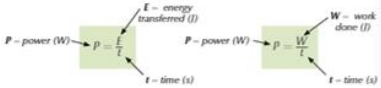
4. Power

Power is a really important concept that pops up all over the place because power is all about how quickly energy is transferred.

What is power?

Power is the rate of energy transfer, or the rate of doing work. Power is measured in watts, W. One watt is equivalent to one joule transferred per second (J/s).

You can calculate power using these equations:



Example

A motor transfers 4.8 kJ of energy in 2 minutes. Find its power.

Energy transferred = 4.8 kJ = 4800 J
Time taken = 2 minutes = 2 × 60 s = 120 s

$$P = \frac{E}{t} = \frac{4800}{120} = 40 \text{ W (or 40 J/s)}$$

Example

How long does it take for a 550 W motor to do 110 J of work?

Rearranging $P = W \div t$,
$t = W \div P$
$= 110 \div 550$
$= 0.2$ s

A powerful machine is not necessarily one which can exert a strong force (although it usually ends up that way). A powerful machine is one which transfers a lot of energy in a short space of time.

Example

Consider two cars that are identical in every way apart from the power of their engines. Both cars race the same distance along a straight race track to a finish line. The car with the more powerful engine will reach the finish line faster than the other car — i.e. it will transfer the same amount of energy, but over less time.

Example

It takes 8000 J of work to lift a stunt performer to the top of a building. Motor A can lift the stunt performer to the correct height in 50 s. Motor B would take 300 s to lift the performer to the same height. Which motor is most powerful? Calculate the power of this motor.

Both motors transfer the same amount of energy, but motor A would do it quicker than motor B. So, motor A is the more powerful motor.

Plug the time taken and work done for motor A into the equation $P = W \div t$ and find the power.
$P = W \div t = 8000 \div 50 = 160$ W

Practice Questions — Fact Recall

Q1 What is meant by the term 'power'?

Q2 State the equations for power. What does each term represent and what units are they measured in?

Practice Questions — Application

Q1 Find the power of the following:
a) A motor that transfers 150 J of energy in 37.5 s.
b) A motor that transfers 79.8 kJ of energy in 42 s.
c) A motor that transfers 6 840 kJ of energy in 9.5 minutes.

Q2 Two lifts, A and B, operate between the ground floor and the second floor of a building. Lift A's motor has a power of 4800 W, and lift B's motor has a power of 5200 W. State which of the two lifts will carry a given load up the two floors in the least time, and explain why.

Q3 How long does each of the following take?
a) A 525 W motor to do 1344 J of work.
b) A 2.86 kW toaster to transfer 1430 J of energy.

Q4 How much energy do the following transfer?
a) A machine with a power of 1240 W running for 35 s.
b) A 1500 W heater switched on for 17 minutes.

Success in GCSE
English Language and English Literature

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"life is what you make it!"

3 hours and
30 minutes in total

Total exam score is out of
160 marks

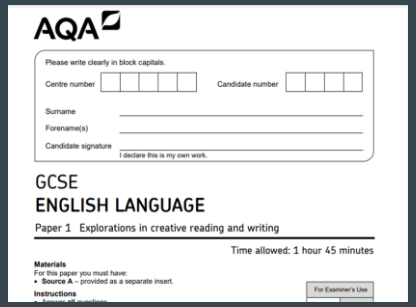
	English Language	
Paper 1 - Fiction Explorations in creative reading and writing	80 mark paper - Section A Reading (1 extract to read) - Section B Writing Creative/descriptive writing	1 hour and 45 minutes
Paper 2 - Non Fiction Writers' viewpoints and perspectives	80 mark paper - Section A Reading (2 extracts to read) - Section B Writing Leaflet, essay, article, letter, or speech.	1 hour and 45 minutes

4 hours in total

Total exam score is out of 160 marks

	English Literature	
Paper 1 Shakespeare 19th Century Novel	- 64 mark paper - Section A Romeo and Juliet - Section B The Sign of the Four	1 hour and 45 minutes
Paper 2 Modern Play Poetry Anthology Unseen Poetry	- 96 mark paper - Section A Blood Brothers or An Inspector Calls - Section B Power and Conflict Poetry - Section C Unseen poetry (2 questions)	2 hour and 15 minutes

What can YOU do to succeed in English Language?


AQA

Please write clearly in block capitals.

Centre number | Candidate number

Surname

Forename(s)

Candidate signature

I declare this is my own work.

GCSE

ENGLISH LANGUAGE

Paper 1 Explorations in creative reading and writing

Time allowed: 1 hour 45 minutes

Materials

For this paper you must have:

- Source A – provided as a separate insert.

Instructions

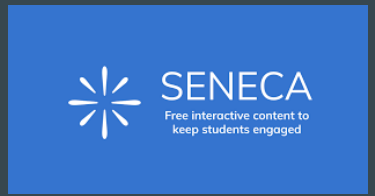
For Examiner's Use

- Reading fiction and non-fiction texts
- Completing past papers to practise question skills
- Reflection on mock marking and working on areas of development
- Look back through your work on Google Classroom
- Use GCSE Pod
- Watch some informative videos by Mr Bruff
- Make sure you have your 'cheat-sheet' or story opener completed and marked by your teacher
- Prepare for cold test and use the feedback

gcsepod
education on demand

What can YOU do to succeed in English Literature?

gcsepod
education on demand



- Read and revisit your set texts
- Completing past papers to practise question skills
- Set yourself character or theme questions
- Reflection on mock marking and working on areas of development
- Look back through your work on Google Classroom
- Use GCSE Pod - the videos have lots of quotes with analysis
- Watch some informative videos by Mr Bruff
- Revision techniques: brain dump (and check), flash cards, decorate your house with post-it notes, make audio quotes (with explosions)
- Seneca - particularly good for context revision and poetry anthology
- Prepare for cold test and use the feedback

Revision guides

- SCOPAY
  I have had all the literature revision guides added to SCOPAY for you to order.

  These can be ordered as a bundle or you can select individual revision guides.

"life is what you make it!"

How can students be supported at home?

Supporting your young adult to come up with a revision timetable - this is key!

Practising exam writing for English Language is vital - it is often timings that students struggle with. The Independent learning tasks for next term will have a variety of exam questions to support this. Can you start the timer? Do they know their 'cheat-sheet'/opener - ask about this.

English Literature is slightly different. You could help with quote recall, discussing the social and historical context of the text, asking about the plot of the texts, can your young adult tell you about the characters - this includes the poetry anthology.

"life is what you make it!"

What WE will do to support you?

As a team of staff we are here to:

- provide every revision material we have to help you practice
- guide you when you are uncertain
- give you our time to support you in period 6
- working with small groups to develop responses
- give you lots of praise for success
- listen and help!

My door is always open if you have any questions.

"life is what you make it!"

What will homework look like?

- Term 1 a Knowledge organisers
- Term 1 b Knowledge organisers and fortnightly extended responses. These will be set week B.

My door is always open if you have any questions.

"life is what you make it!"