Year 11 Information Evening

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Aims of the Evening

- Pastoral team
- Careers in Year 11
- Wellbeing support
- Assessment Cycles and Revision
- Attendance
- Core curriculum information

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KEY STAGE 4 PASTORAL TEAM

KEY STAGE 4 PASTORAL LEADER – LISA WARD

KEY STAGE 4 ASSISTANT PASTORAL LEADER – TRIS HOLROYD

YEAR 11 MANAGER – CLAIRE LEE

YEAR 10 MANAGER - SARAH BARRASS

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Careers in Year 11

All students have completed a survey regarding their aspirations and ‘next steps’.

During Year 11 students will have the opportunity to …

- Meet with our external Careers Advisor to produce a personalised Action Plan and/or receive Careers guidance
- Access College / Apprenticeship application support
- Access Careers advice via Microsoft Teams
- Access to the Careers Hub via student VLE
- Access mock interview support
- Meet with Guest speakers (VIPs- Very Interesting People)
- Be provided with information regarding College and University trips
- Be provided with CV and interview advice

If you or your child require any further information on any of this content/advice please contact Mrs McGirr via info@guiseley.org.uk

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Leeds Mindmate: supporting your child through exams

- **Monday 9th October 6pm-7pm** in the Auditorium
- A session for **parents** of children in Years 10-13
- Supporting positive mental wellbeing during exams

- If you haven't signed up, please use the link in the email sent out or contact info@guiseleyschool.org.uk

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Sixth Form Open Evening

Join us on **Thursday 16th November** from 6pm to find out more about Guiseley School Sixth Form.

- Hear from the Headteacher and Sixth Form Team
- Visit curriculum areas to see what subjects you can study
- Learn about the co-curricular offer you can get involved in

Further details about the evening will be provided in the coming weeks.

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Student Expectations

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Detentions:

Organisation:

- Equipment
- Homework

Behaviour:

- Behaviour
- Uniform
- Punctuality

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Attitude to Learning :

Every lesson matters……..

	Attitude to Learning Score
Year 10 2022-23	3.38
Year 11 2023-24 to date	3.42

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Climate for Learning:

Homework comment	21% (66)
Late comment	24% (57)

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Assessment Cycles and Revision

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2 Assessment Cycles

- Cycle 1 Pre-public exams (PPE)
- Week beginning 23/10/23
- October Half term
- Week beginning 06/11/23
- Timetables will go on Insight this week

- Cycle 2 PPE
- Week beginning 05/02/24
- February Half term
- Week beginning 19/02/24

GCSE Exam Season
Week beginning 07/05/24
Half term
Week Beginning 06/06/24
All students must be available until the 25/06/24

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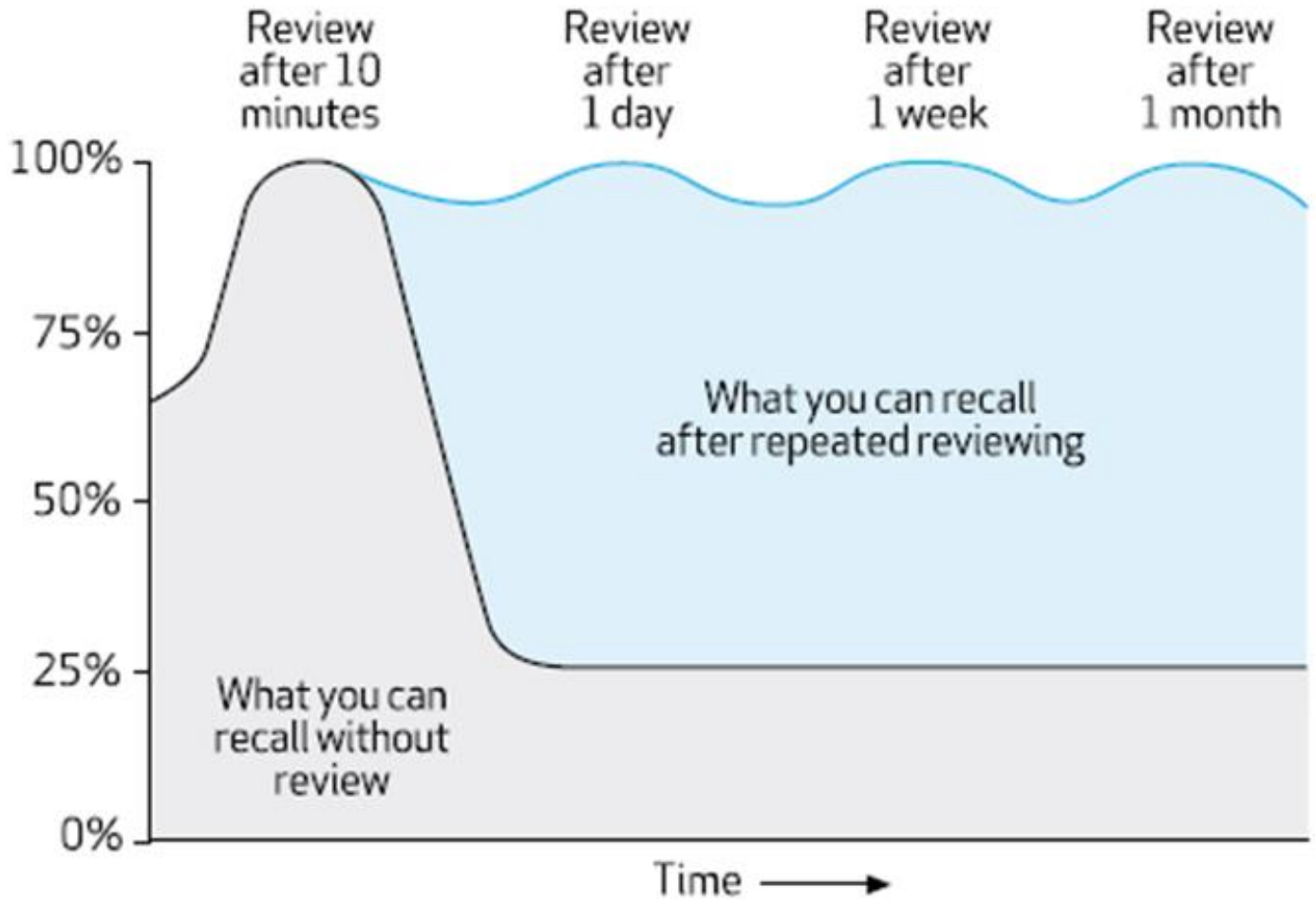
How to support your child at home with revision?

- **60%** of all new learnt information is **forgotten after 8 hours.**
- **Regular review and retrieval of the information is key** to learning, storing and then remembering the knowledge.
- **Structured revision**, with regular quizzing and testing of knowledge learnt is really important in learning and storing the information.



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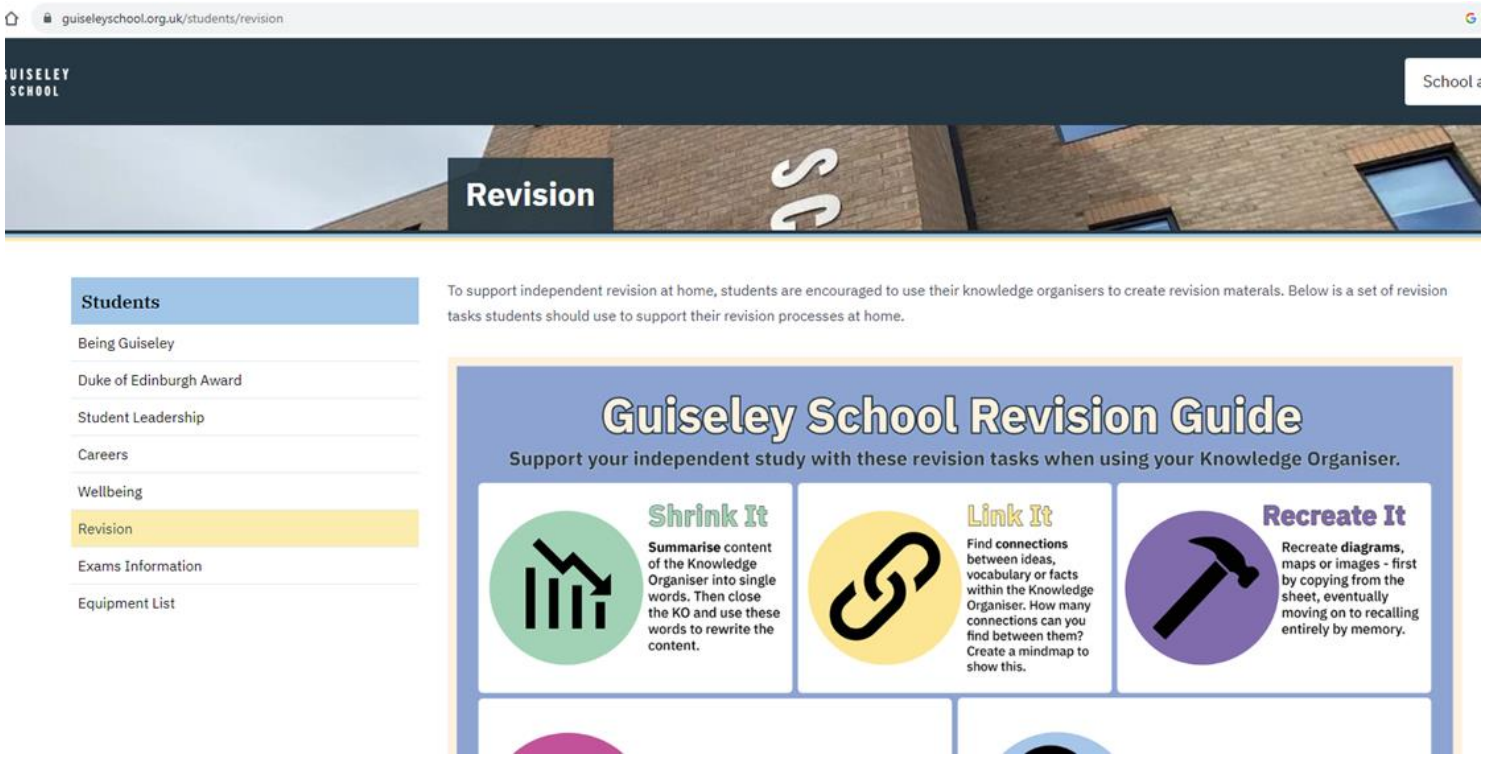
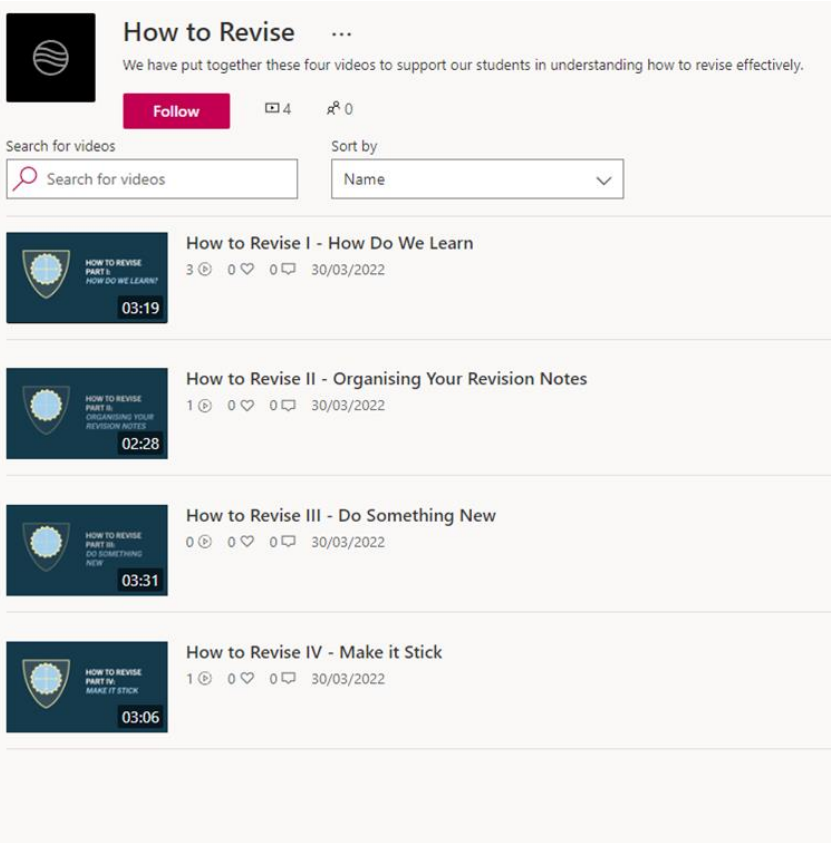
School Website

https://www.guiseleyschool.org.uk/students/revision





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Attendance & Safeguarding

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Attendance nudge...

The table below shows the direct relationship between levels of attendance and levels of achievement:

Attendance Group	Average Grade (Attainment)	Average Score (Value Added)
95% +	6.1	+0.9
90 – 95%	5.2	+0.4
80 – 90%	4.0	-0.3
< 80%	3.0	-1.5

So while the relationship between attendance and performance is clear, the reasons may be less obvious. Where students have higher levels of absence they might find:

- They have **missed crucial knowledge** or skills that have been taught
- The next part of the **curriculum makes less sense**, or they find it harder to learn
- They have **less opportunity to practise** what has been taught

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Safeguarding: Mobile Phones

- Bullying (8)
- Youth Produced Sexual Imagery (7)
- Drugs (5)
- Child Sex Exploitation (4)
- Child Criminal Exploitation (3)
- Identity Theft (2)
- Extortion (1)

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Safeguarding: Advice for parenting:

- Limit screen time
- Befriend your child
- Know who they are friends with…
- Monitor their socials…
- Monitor their photos / videos…
- Monitor their deleted files…
- Be wary of devices in the bedroom

Some useful links:

- https://saferinternet.org.uk/
- www.thinkuknow.co.uk/parents
- https://www.ceop.police.uk/Safety-Centre/

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English Overview

- Students will be entered for 2 GCSEs:

- ENGLISH LANGUAGE
- ENGLISH LITERATURE

- Students will sit **2** exams for **each** award.

- There is **no written coursework** element for either course.

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English Literature

Texts Studied:

- A Christmas Carol
- Macbeth
- Power and Conflict Poetry
- An Inspector Calls
- Unseen Poetry

All students study the **same texts**.

Power and Conflict Poetry anthologies have been provided by the examination board.

Students have started their studies of An Inspector Calls and copies are still available to buy through parent pay.

Please ensure students have these as soon as possible to aid their studies of the text.

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English Language

- These examinations are ‘**unseen**’, meaning the extracts used are not ones studied in advance.

- For this exam, we teach students the **knowledge and practice the skills** they need to approach an unseen text with confidence.

- This exam tests reading and writing. The more you can encourage your child to **read at home,** the better they will understand how writing is crafted for purpose. Reading a range of fiction and non-fiction texts is essential.

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English PPEs

Monday 23rd October – English Literature PPE – An Inspector Calls

(AIC is currently being taught in class.)

Wednesday 25th October – English Language PPE – Language Paper 1

(Weekly revision homework for the language is being set by class teachers. Students are to use this and their own notes / knowledge organisers to revise independently for this paper.)

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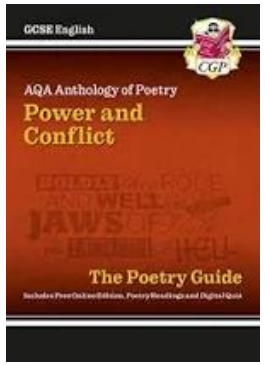
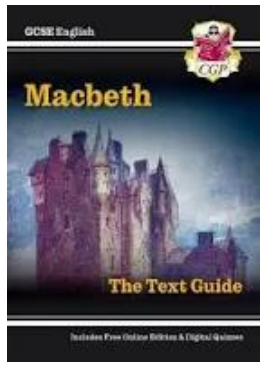
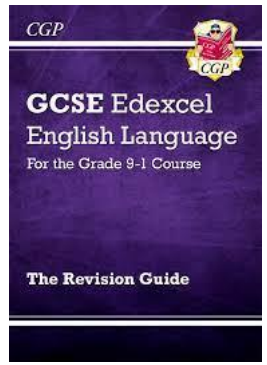
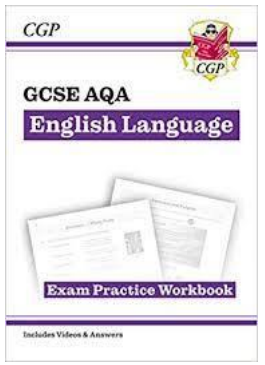
English Revision









Supporting your child with English revision at home:

- Ask your child what they have been studying / reading. This can be in class or independently. Get them to explain plot, characters and express their opinions on texts.
- Watch versions of the literature texts together. If this is done with an understanding it is NOT a replacement of reading the text, it can help stimulate discussions about the text.
- Have students read a range of non-fiction texts e.g. newspapers, articles, blogs etc.
- Purchase revision guides and workbooks to help guide revision at home.
- Encourage students to access knowledge organisers on Teams.

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English Revision

Supporting your child with English revision at school:

- Some students will be invited to revision sessions at school. These sessions will be during afternoon form and will be for specific, targeted intervention.

- The ‘invitations’ will be sent home and communicated to you. Please encourage students to attend these revision sessions.

- Drop in sessions will be offered by members of the department. These are sessions where the students are expected to bring their own English revision but have the chance to ask for help and support from teachers.

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Why is reading so important in Year 11?

- It improves **all academic results** (not just English)
- It helps students **understand and access difficult texts** inside and outside school
- It **widens vocabulary**
- It helps **mental wellbeing**
- It improves **sleep patterns**

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How do we help Year 11 students become ‘readers’?

- A reading book is part of the **school equipment** – students should have one with them every day
- Private reading is part of **form time** so reading habits are built
- Students have lots of **recommendations for books**
- Reading is part of their **homework** (average of 15 minutes a day)
- Students must fill in their **reading log** planner pages each week
- Parents must **sign page 17** of their planners each week to show they have completed their reading homework

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How can you support your child's reading?

- **Talk to them** about what they are reading, both in and out of school
- Build reading **habits and routines** with them
  - Set aside reading time
  - Replace phones at bedtime with books – they will sleep better!
- Encourage **a range** of ways to read:
  - Graphic novels
  - Audiobooks
  - Autobiographies
- Go to our reading webpage for **book recommendations** https://www.guiseleyschool.org.uk/reading

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Maths GCSE

- AQA exam board
- Tiered:

- Foundation tier goes from Grade 1 to 5
- Higher tier goes from Grade 4 to 9

Maths Groups

- Students are put into maths groups based on ability
- Higher classes all cover the same work (there is no topic/question that only the top group will see)
- Foundation classes all cover the same work
- Communication – we will always contact you if we think that your child should move to a different group.

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Tiers of Entry

Grade 5 on foundation = 79%

Grade 5 on Higher = 38%

What you can do to support:

1. Sparx – please support us to ensure students complete their Sparx task each week

We believe that Sparx is the best online platform to support students with independent learning.

Tasks set are 50% current learning and 50% consolidation of previous learning.

Tasks become bespoke to individual students.

Sparx feeds back to the class teacher about the questions students struggle with and we then use this for future planning.

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What you can do to support:

2. Maths After School Revision Sessions (Monday from 3pm – 4pm in January)

We use the analysis of the PPEs to select topics to revise from January onwards

We invite students to attend who have failed to pick up marks on this topic – parents will receive an email.

If you receive one of these emails, could you support us by ensuring students attend this revision session.

Similar triangles	Cube roots	Percentage multiplier	Arc length	Linear sequences (nth term)	Convert decimals to fractions	Estimating calculations	Ratio to fraction conversion	Prime factor decomposition	Finding the equation of a line from a graph	Perimeter (algebra problem solving), converting length	Reverse fractions of amounts	Venn diagrams for probability, fractions of amounts	Venn diagrams for probability	Independent events with probability trees	Independent events with probability trees	Money calculations	Solving quadratic equations (by factorising)	Calculating the area of a circle and a semi-circle	Calculate speed from a distance-time graph	Square and cube roots, solving an equation	Perimeter problem solving with algebra	Ratio problem solving	Ratio problem solving	Estimate calculations	Finding the gradient of a line segment	Determining if a point is on a line	Sine rule	Factorise quadratic expressions	Factorise quadratic expressions	Brackets involving surds	Manipulating powers	Factorising quadratic expressions	Quadratic graphs	
1	2	3	4	5	6	7	8	9	10	11	12	13a	13b	14a	14b	15	16	17	18	19	20	21	22	23	24a	24b	25	26a	26b	27	28	29	30	
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1	1	1	1	1	1	1	1	2	0	1	2	3	1	1	0	5	1	3	0	2	4	3	0	1	0	0	1	2	0	0	0	0	0	40

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What you can do to support:

Students will also get individual data sheets to support them to target their revision.

Questions	Question Title	Score			Clip Number
1	Similar triangles	1	/	1	611
2	Cube roots	1	/	1	
3	Percentage multiplier	1	/	1	89
4	Arc length	0	/	1	544
5	Linear sequences (nth term)	1	/	1	198
6	Convert decimals to fractions	1	/	1	52
7	Estimating calculations	0	/	1	131
8	Ratio to fraction conversion	1	/	1	330
9	Prime factor decomposition	3	/	3	30
10	Finding the equation of a line from a graph	3	/	3	208
11	Perimeter (algebra problem solving), converting length	5	/	5	552, 692, 823
12	Reverse fractions of amounts	2	/	2	79
13a	Venn diagrams for probability, fractions of amounts	3	/	3	383, 77
13b	Venn diagrams for probability	1	/	1	383
14a	Independent events with probability trees	2	/	2	362
14b	Independent events with probability trees	4	/	4	362
15	Money calculations	5	/	5	752
16	Solving quadratic equations (by factorising)	3	/	3	230
17	Calculating the area of a circle and a semi-circle	4	/	4	542
18	Calculate speed from a distance-time graph	3	/	3	876
19	Square and cube roots, solving an equation	4	/	4	101
20	Perimeter problem solving with algebra	0	/	4	552
21	Ratio problem solving	3	/	3	335, 337
22	Ratio problem solving	2	/	3	336
23	Estimate calculations	1	/	1	131
24a	Finding the gradient of a line segment	2	/	2	201
24b	Determining if a point is on a line	0	/	2	212
25	Sine rule	1	/	1	521
26a	Factorise quadratic expressions	1	/	2	224
26b	Factorise quadratic expressions	1	/	1	224
27	Brackets involving surds	0	/	3	117
28	Manipulating powers	3	/	3	791
29	Factorising quadratic expressions	0	/	2	225
30	Quadratic graphs	0	/	3	252, 253
	Total	62	/	80	

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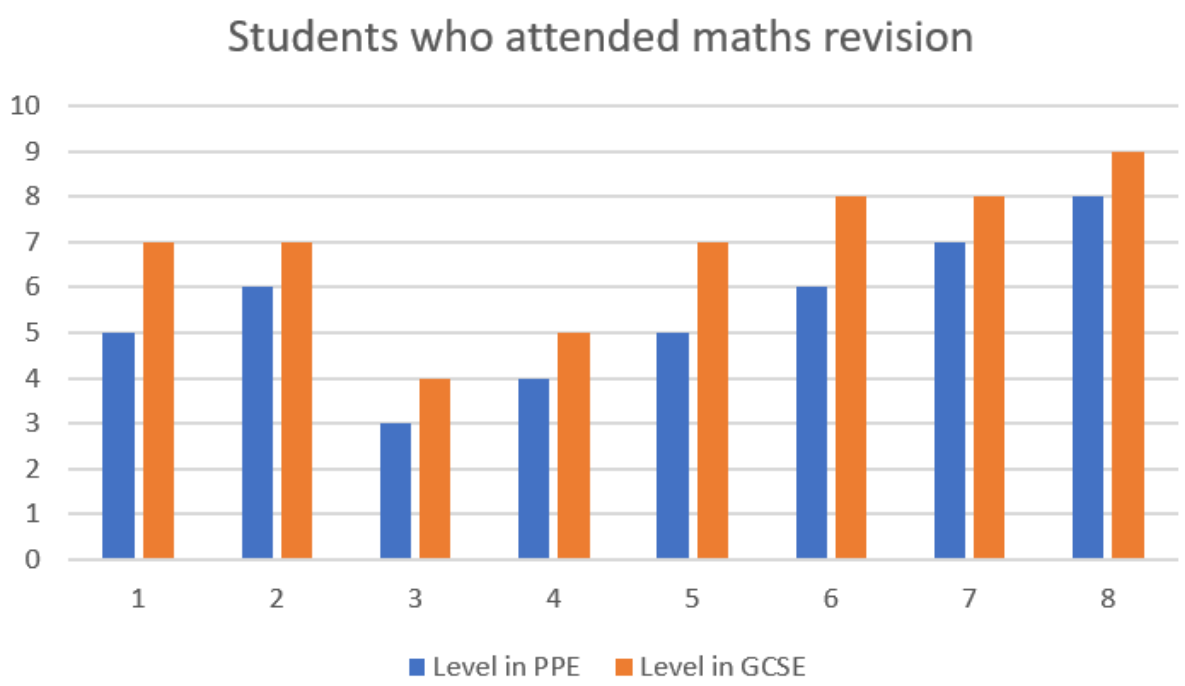
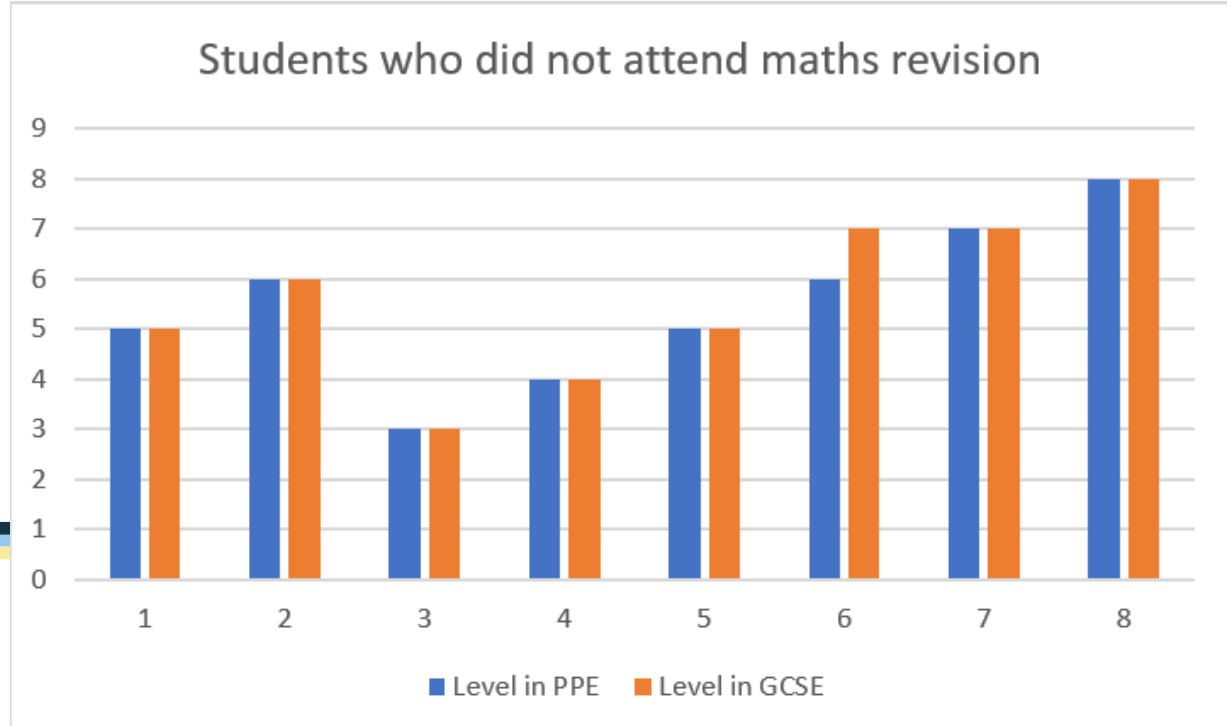
What you can do to support:

3. When students go on stand down – please encourage them to attend their maths revision sessions.

We can target exam revision to their areas of need and give students the input they need to improve.

We are experts in working out what topics are coming up in the GCSE exams and create revision based on this knowledge





SCIENCE

Mr Watson

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6 Science Exams

Combined Science Trilogy	Triple Science
Biology 1 and 2	Biology 1 and 2
Chemistry 1 and 2	Chemistry 1 and 2
Physics 1 and 2	Physics 1 and 2
Each exam is 1hr 15mins	Each exam is 1hr 45mins

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What do I need to know?

How do I know I know?

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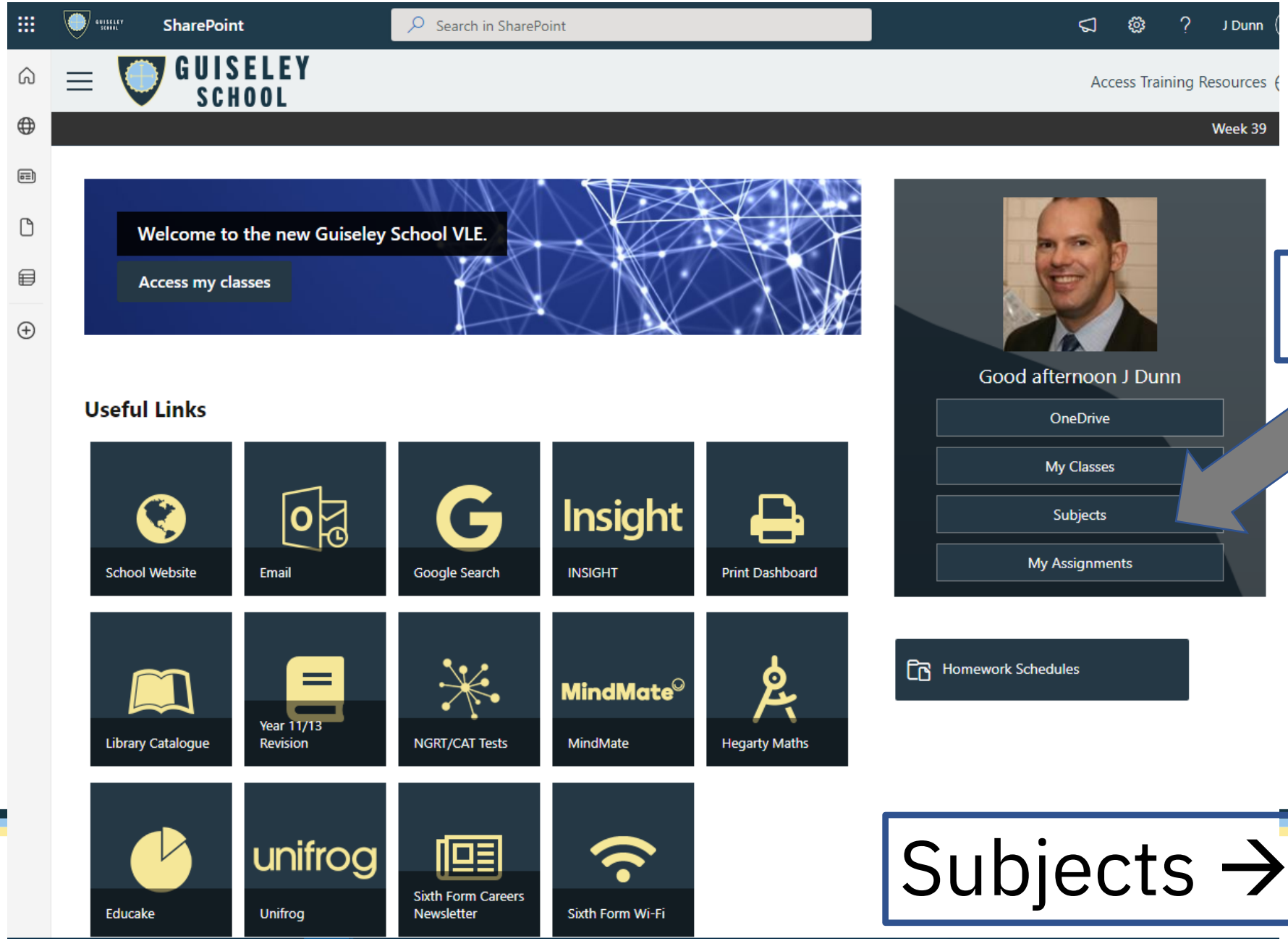

Subjects

Subjects →

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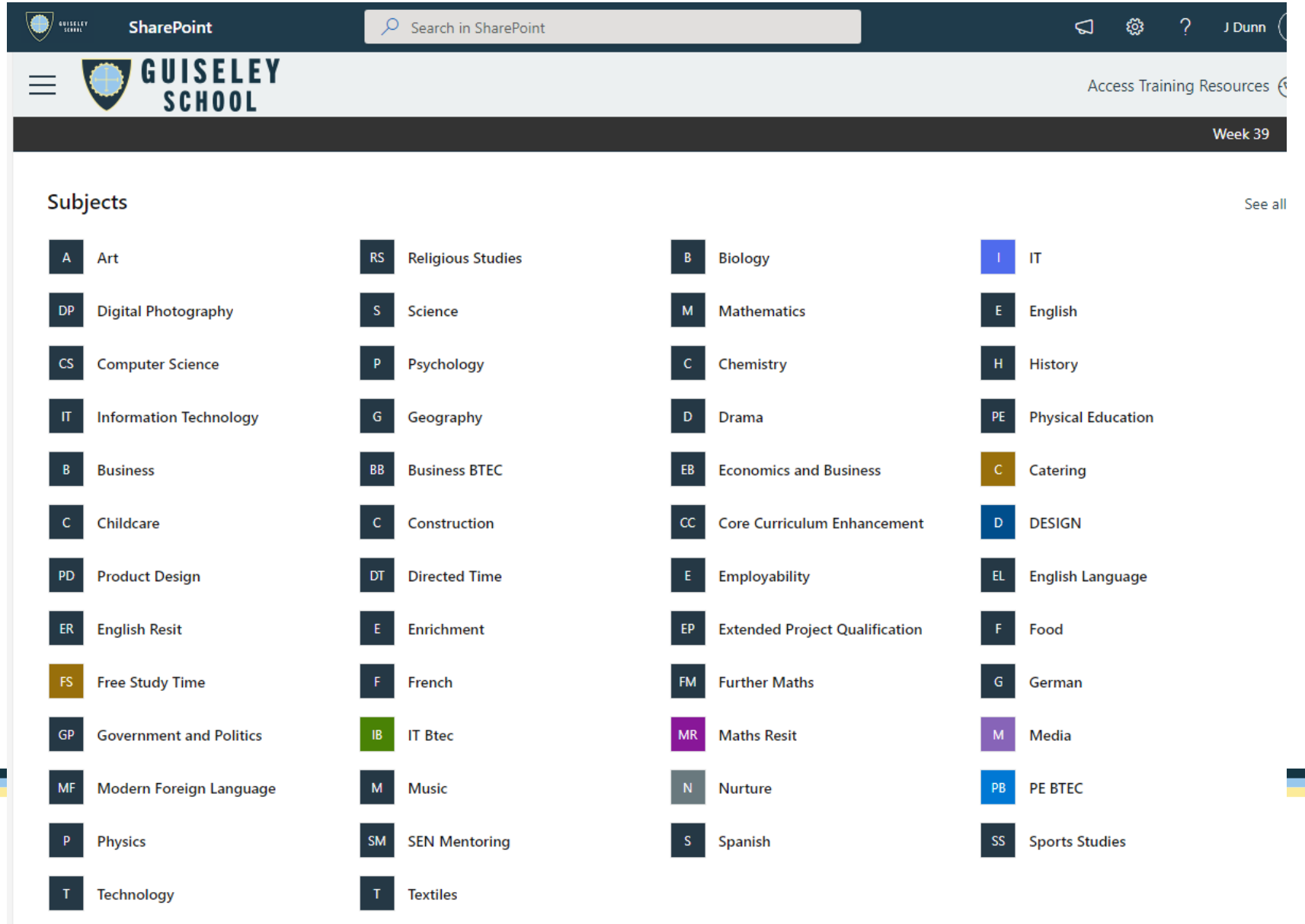
Subjects → Science →



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Subjects → Science → Year 11 →

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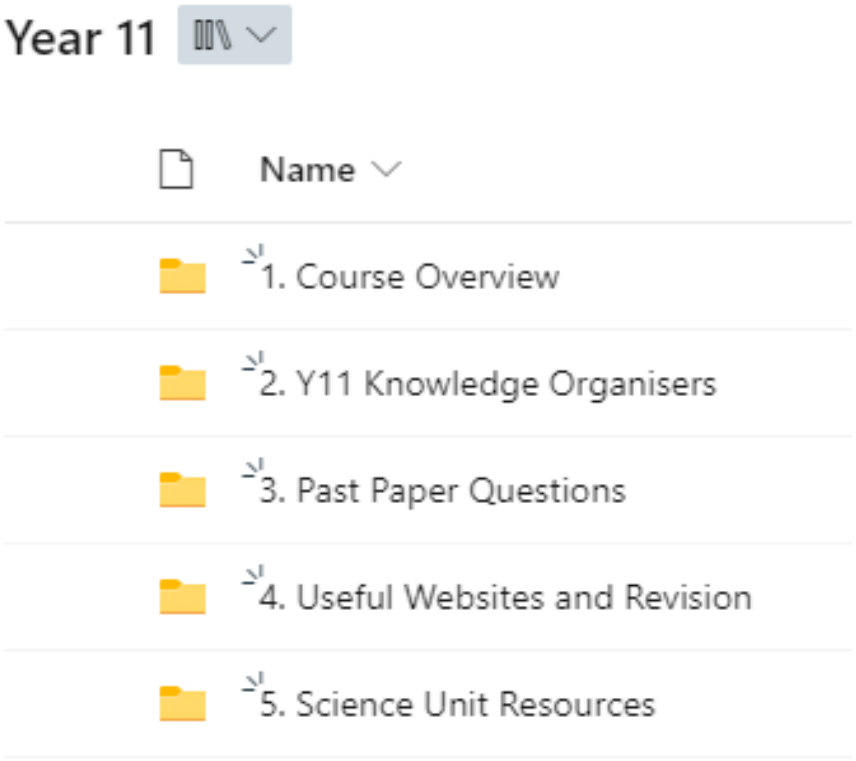
Subjects → Science → Year 11 →



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Science Curriculum 2023/2024

Intent Statement

Rationale

Spiral Curriculum

Science Curriculum Map

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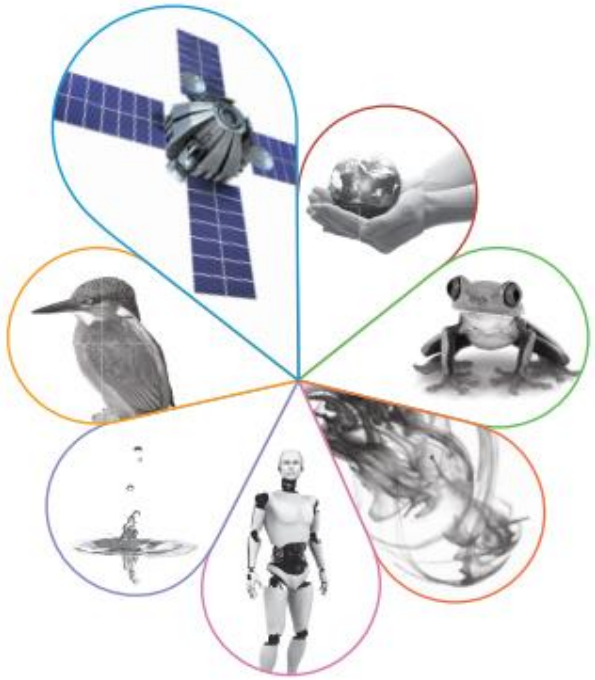
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
11	**Curriculum Topics:** **Motion** **Chemical Analysis**	**Curriculum Topics:** **PPE** **Homeostasis**	**Curriculum Topics:** **Electromagnetism** **Organic Chemistry**	**Curriculum Topics:** **Waves for Triples (lenses)**	**Curriculum Topics:** GCSEs	**Curriculum Topics:** Links with A Level Sciences
	Links with previous topics: How balanced and unbalanced forces effect motion Forces (Yr10) Conservation of Mass, concentration, Y9 Rates) Atom structure and periodic table (Yr9 Atoms)	**Links with previous topics:** Cells Tissues, Organs, Organ Systems.	**Links with previous topics:** Current flow –(Electrical Circuits Yr9) Law of Magnetism and Mag Fields - Magnetism (Elec Mag Yr 8) Conservation of Mass, concentration, Y9 Rates) Atom structure and periodic table (Yr9 Atoms)	**Links with previous topics:** How light travels – refraction/reflection, heat transfer by radiation - Yr9 Elec Magnetic Spectrum.	**Links with previous topics:** **All**	**Links with future topics:** GCSE Biology links with A Level Biology and A Level Psychology GCSE Chemistry links with A Level Chemistry GCSE Physics links with A Level Physics
	Assessments: Continuous assessment in class including Science Investigation Assessments. Unit tests.	**Assessments:** Continuous assessment in class including Science Investigation Assessments. Unit tests.	**Assessments:** Continuous assessment in class including Science Investigation Assessments. Unit tests.	**Assessments:** Continuous assessment in class including Science Investigation Assessments. Unit tests.	**Assessments:** GCSEs	

AQA
Realising potential

GCSE
PHYSICS
(8463)

Specification
For teaching from September 2016 onwards
For exams in 2018 onwards

Version 1.1 30 September 2019



Specification at a glance

This qualification is linear. Linear means that students will sit all their exams at the end of the course.

Subject content

- 1. Energy
- 2. Electricity
- 3. Particle model of matter
- 4. Atomic structure
- 5. Forces
- 6. Waves
- 7. Magnetism and electromagnetism
- 8. Space physics (physics only)

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Knowledge Organiser	Year 10	GCSE Science	Energy

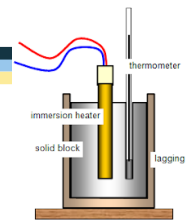
Threshold Concepts in Energy

- Energy is always conserved
- Work is done when energy is transferred
- Measurement Prefixes
- Efficiency

Key Words	Definitions
Energy stores	Energy that can be stored for use later e.g. Kinetic, chemical, internal (thermal), gravitational potential, elastic potential, magnetic, electrostatic, nuclear
System	An object or group of objects
Useful Energy	The energy we want to get out of a device e.g. for a car it would be kinetic energy
Dissipate	Waste e.g. heat energy is dissipated from a light bulb as we only want light energy to be usefully transferred.
Lubricant	A method of enabling moving parts to move across each other without dissipating as much heat energy e.g. oil, WD40
Streamlining	The design of a machine to create less air resistance.
Radiation	Electromagnetic waves
Conduction	The method of heat transfer in a solid
Insulator	A poor conductor

The Law of Conservation of Energy

Energy can be transferred usefully, stored or dissipated, but cannot be created or destroyed

Energy	Definition	Formula
Kinetic Energy	Energy stored by a moving object	KE = ½ x mass x (speed)^2 KE = ½ mv^2
Elastic Potential Energy	Energy stored by a stretched or squashed elastic object.	EPE = ½ x spring constant x extention^2 EPE = ½ ke^2 [GIVEN IN EXAM]
Gravitational Potential Energy	Energy gained by an object raised above the ground.	GPE = mass x gravitational field strength x height GPE = mgh
Work Done	Work is done whenever a force moves an object. Work done = energy changed	WD = Force x distance moved (in the direction of the force) WD = Fs
Power	The rate of changing energy (or doing work)	Power = Energy Changed / time Power = work Done / time $P = \frac{E}{t} = \frac{WD}{t}$
Efficiency	A measure of the useful energy transferred.	Efficiency = $\frac{\text{Useful Energy Transferred}}{\text{Total Energy Supplied}}$ x 100
Specific Heat Capacity	The energy needed to raise a 1kg of a substance by 1°C 	Change in thermal energy = mass **X** specific heat capacity **X** temperature change E = mcΔθ [GIVEN IN EXAM]

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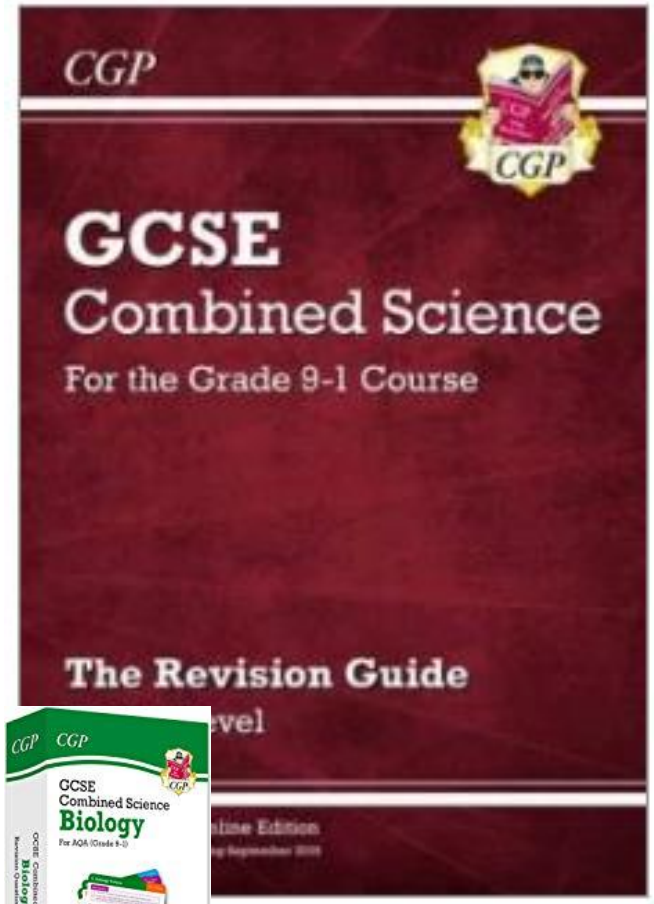
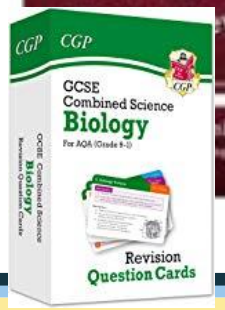
How do I learn it?



Revision Guides
and cards

Trilogy (Combined)
£6.15
£10.45 per pack

Triple
£9.70 all three
£5.55 per pack



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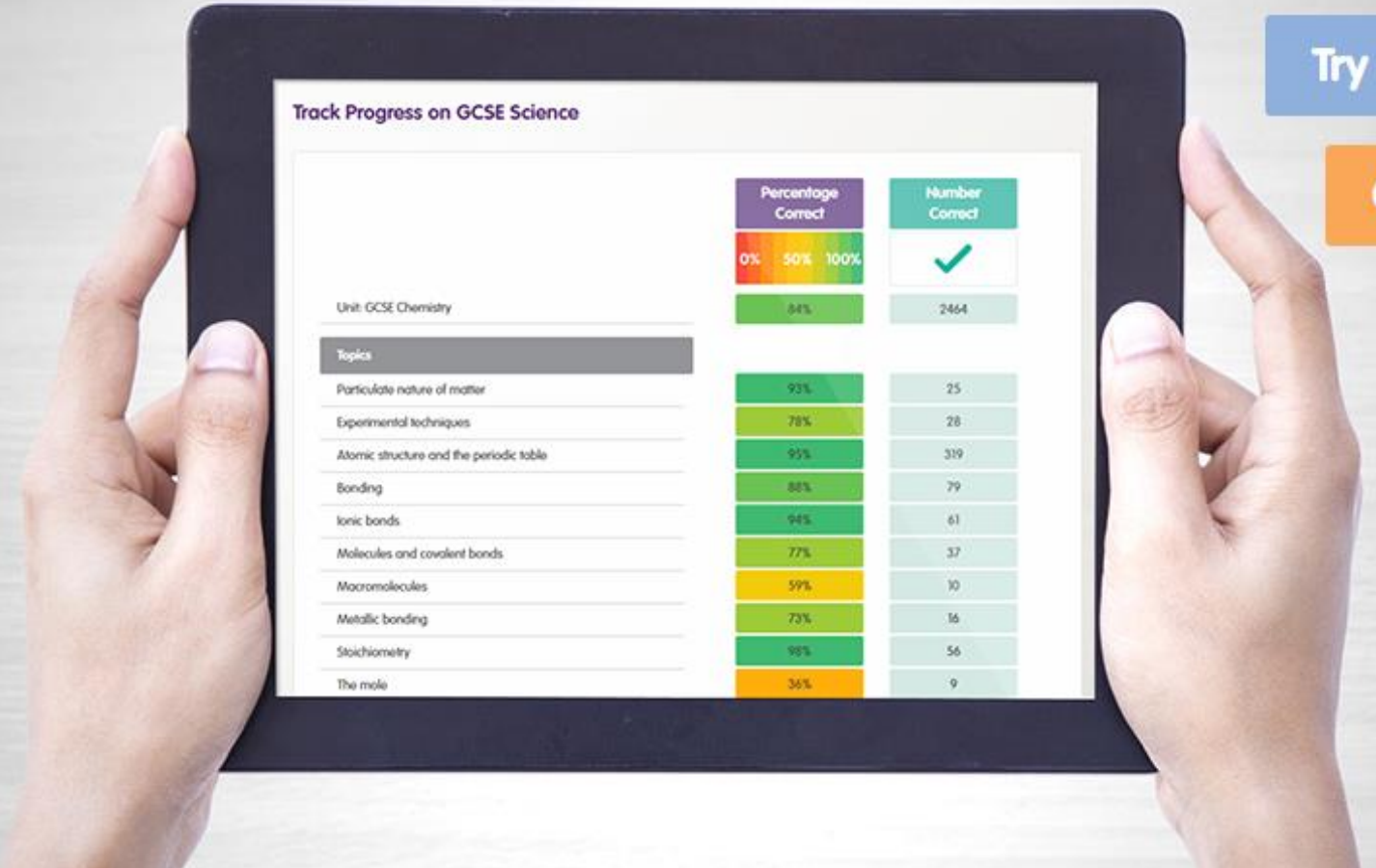

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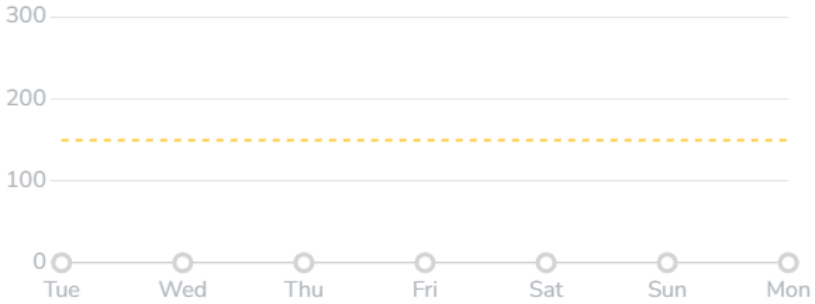


Biology

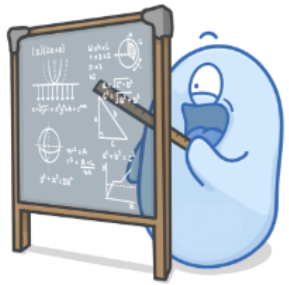
GCSE Biology - AQA Foundation Combined (change)

Chemistry

GCSE Chemistry - AQA Foundation Comb... (change)

Physics

GCSE Physics - AQA Foundation Combined (change)



Maths

No Course Selected (select)

Continue

Which of these is a characteristic that humans have selectively bred for?

- Cows that produce less milk
- Wheat plants with smaller grains
- Horses that can run faster

1/1

Which of the following characteristics do humans selectively breed for in plants?
(Select all that apply)

- Worse taste
- Better taste
- Decreased yield
- Increased yield

0/2

Continue

Combined Science: Trilogy 2021

	Not viewed	Started	Completed		
November 21 Biology Paper 1	◉	○	○	Paper	Mark Scheme
November 21 Biology Paper 2	◉	○	○	Paper	Mark Scheme
November 21 Chemistry 1	◉	○	○	Paper	Mark Scheme
November 21 Chemistry 2	◉	○	○	Paper	Mark Scheme
November 21 Physics Paper 1	◉	○	○	Paper	Mark Scheme
November 21 Physics Paper 2	◉	○	○	Paper	Mark Scheme

Questions which you asked

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Revision & Intervention

- This is targeted
- Revision:- woven into lessons, some after school sessions. Most is at home.
- When should they start?
- Best way?

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Revision

- Discussed tonight
- Revision section of the website
- Knowledge organisers on Teams
- Revision lists on Teams

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Access Arrangements

Application of external rules set by the Joint Council for Qualifications (JCQ)

Every exam season JCQ inspect **all schools**

This includes a check of the evidence held in the Access Arrangements folder

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Teaching ends and revision begins?

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Subject information

- We have produced subject information sheets including exam board and some useful websites
- All exam boards have links to their past papers and mark schemes on their websites

- Mr Ridley the new Curriculum Leader for DT will be writing to parents with more information about the move to a new exam board.

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Access subject information by scanning the QR code

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