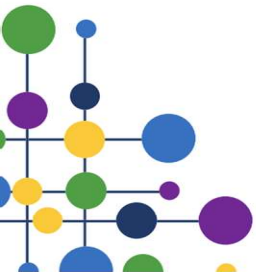


Supporting your child with English, Maths & Science





Welcome 😊

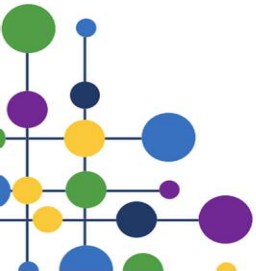
Supporting English

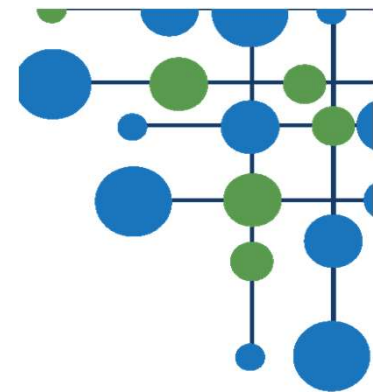
Learn about supporting English - how to revise and how to help your child

Director of English

Emma McInerney

emma.mcinerney@sharemat.co.uk





Your child's GCSE in English

English Language

Grade 1-9

English Literature

Grade 1-9

Spoken language
qualification

Pass/Merit/Distinction
(in class assessment)

***There are no tiers of entry for English.
Every student sits the same paper.***



English Language: 100% exam

Paper 1: Fiction paper (1 hour 45 minutes)

Section A (1 hour):

Read an extract of fiction and answer 5 questions

Section B (45 minutes):

Choose one of 4 titles and write a narrative

Paper 2: Non-fiction paper (2 hours)

Section A (1 hour):

Read two examples of non-fiction and answer 6 questions

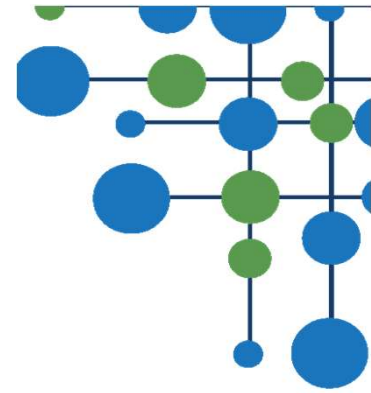
Section B (1 hour):

Write two transactional writing tasks. This could be: article, letter, speech, guide review or report

How to revise for English Language

Revision strategy	Benefits
Read fiction and short stories	<p>Students can improve their literacy levels.</p> <p>Students will be exposed to a wide range of vocabulary</p> <p>Students will gain inspiration for their own writing</p>
Read non-fiction and news articles	<p>Students can improve their literacy levels.</p> <p>Students will be exposed to a wide range of vocabulary</p> <p>Students will gain an insight into the world around them, which helps them with ideas.</p>
Practise writing narratives in timed conditions	<p>Students can perfect a few storylines</p> <p>Students will get used to writing an extended piece of writing in a short time</p>
Practise papers	<p>Students can practise timings</p> <p>Please DON'T look at AQA English Language papers. They are very different to EDUQAS!</p>

English Literature: 100% exam



Paper 1 (1 hour 45 minutes)

Section A:

A Christmas Carol
Charles Dickens

Section B:

Macbeth
William Shakespeare

Paper 2 (2 hours 15 minutes)

Section A:

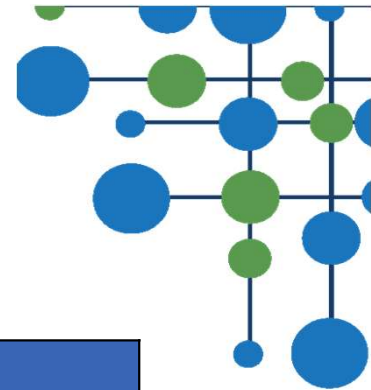
An Inspector Calls
J.B Priestley

Section B:

Power and conflict poetry

Section C:

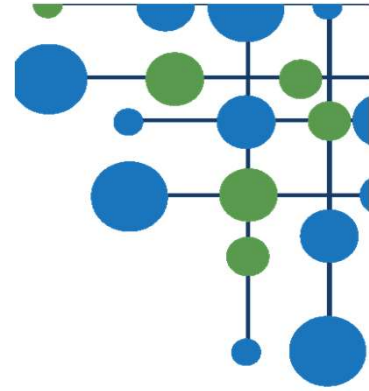
Unseen poetry



How to revise for English Literature

Revision strategy	Benefits
Re-reading the texts so they know the stories really well	Knowing the text really well helps students write better responses.
Use SNAP revision guides	Students will be provided with a SNAP revision guide for each of the texts. Students can use the quiz questions and key quotes to revise.
Planning practise questions	Students can access a wide range of practise papers from their English teacher, or from the internet (AQA) Planning them thoroughly helps students prepare for any potential question and helps them cover a wide range of themes and characters
Writing responses	Students can use their plans to write their answers, making sure they hit all the Assessment Objectives.

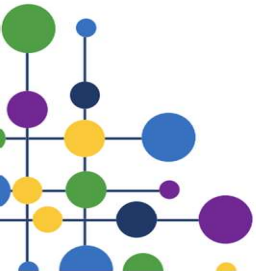


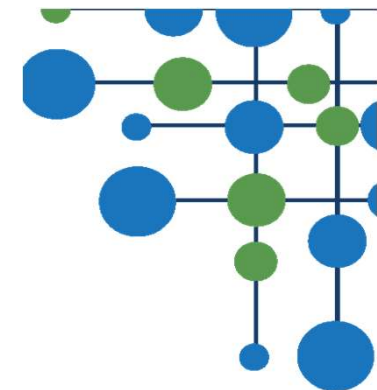


What have they had from us?

Homework booklets for each term. Currently, they should be working through a booklet for An Inspector Calls.

SNAP revision guides have been handed out to all students.





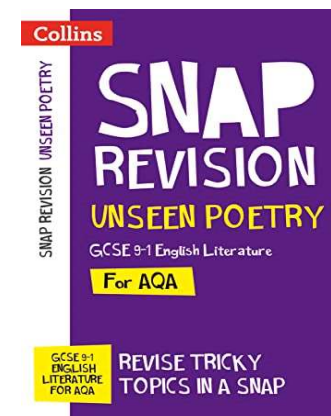
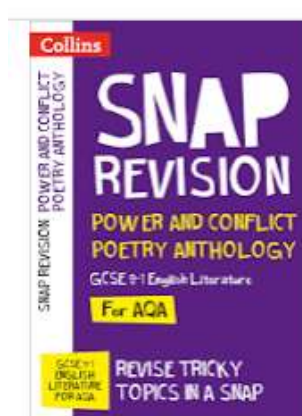
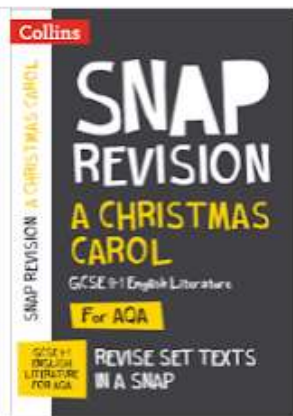
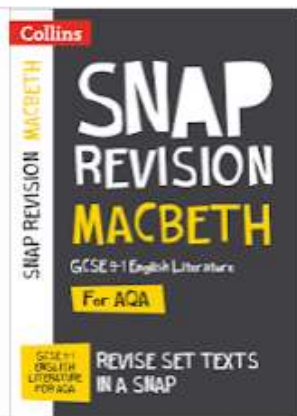
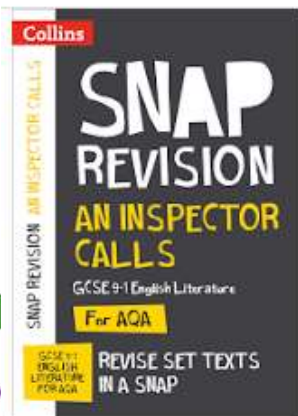
SNAP REVISION GUIDES

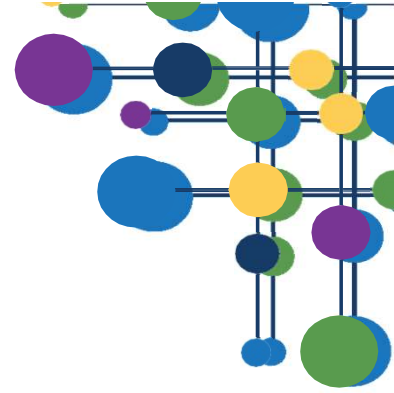
Use SNAP revision guides

Students will be provided with a SNAP revision guide for each of the texts.

Students can use the quiz questions and key quotes to revise.

QR codes in the back link to videos.





Maths



Exam Question

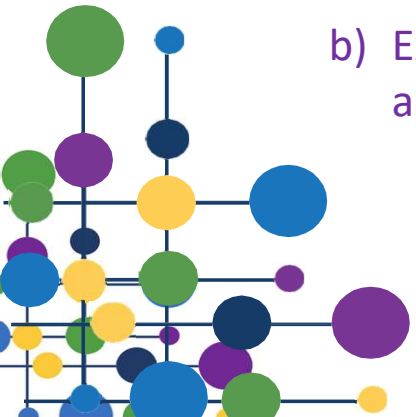
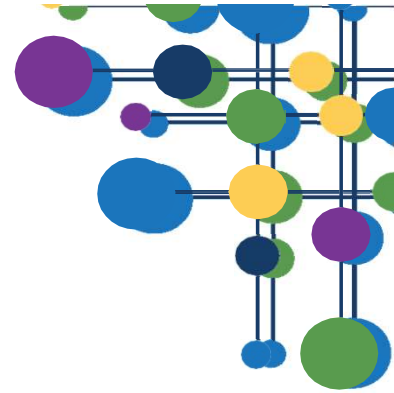
£54 inheritance money is split between Abi, Babs and Caz in the ratio 1:3:2.

Abi gives 80% of her money to charity.

Babs gives 0.25 of her money to the same charity.

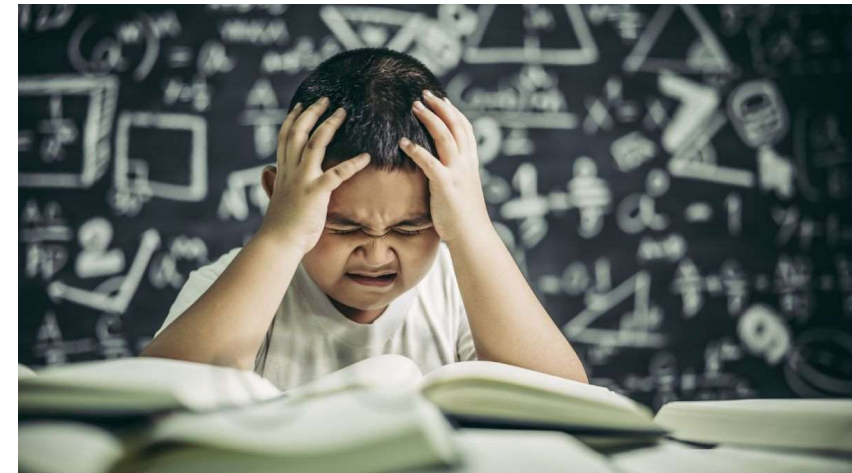
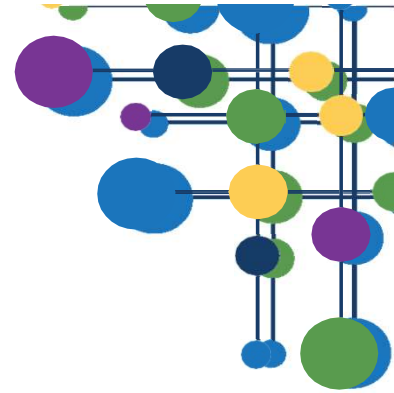
Caz also gives $\frac{2}{9}$ of her money to the charity?

- a) How much money in total do the girls donate to a charity?
- b) Express the amount of money they give to charity as a percentage of the inherited amount to 1 decimal place



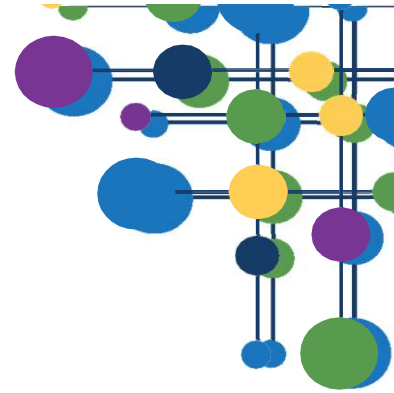
Maths Anxiety

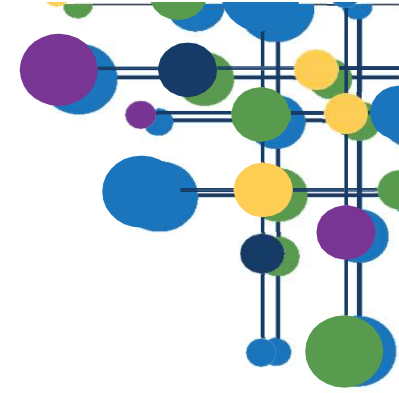
- Causes a person to feel worried or panicked when solving maths problems.
- “I can’t do it”
- How we speak about Maths has a massive impact on student
- Positive resilience is what we are trying to teach students in school



How can you help

- Encouragement and show an interest!
- Help your children create an exam timetable and help them to hold themselves accountable.
- Little and often
 - The more work students put in now the less stressful they will find the pressure in the run up to the exams!





Revising Maths



Past Papers

- Practice makes perfect
- Students become familiar with the style of question
- Try completing the full paper on your own
- Change colour pen and see if worked answers/video can give you the first step
- Mark full paper properly

Useful websites for past papers/exam questions

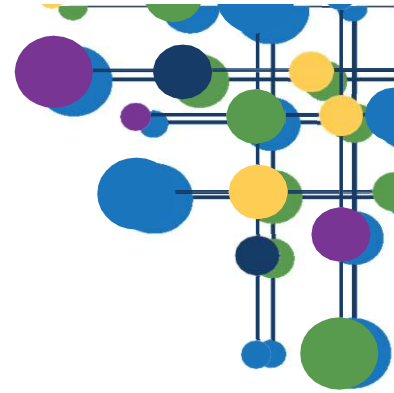
MathsGenie

SaveMyExams

HannahKettleMaths – Tiktok Lives

Sparx

- New homework website
- Students should all have their log in and are being set homework once a week (1 hour long)



Sparx Maths

Student Login

You're logging in to Sparx at **Thornhill Community Academy, A Share Academy.**
[Not your school?](#)

Log in to Sparx using Microsoft 

or

Use your Sparx login

Username:

kaceyoakes

Password:

.....

[Show](#)

[Forgotten Sparx login details?](#)

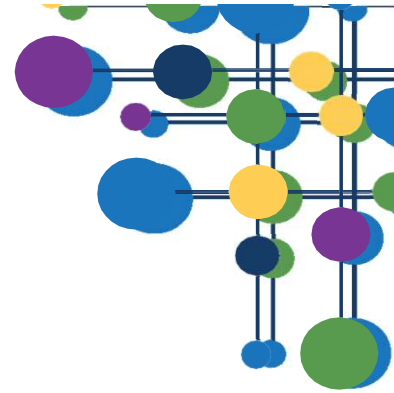
Log in

Needs to be student
log in (not teacher)

Use their school account
to log in

e.g. T24-hbullas@sharemat.co.uk

Password: school password





Compulsory



XP Boost



Target



Independent Learning

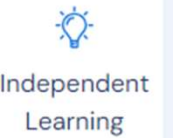
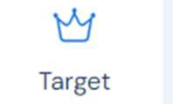
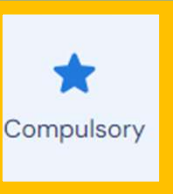
Hey Kacey,

This is your personalised Compulsory homework. You need to answer every question correctly to complete it.



Homework due Thursday 19th October 3pm	Completed ✓
Homework due Thursday 12th October 3pm	Completed ✓
Homework due Thursday 5th October 3pm	Completed ✓
Homework due Thursday 28th September 3pm	Late 94%
Homework due Thursday 21st September 3pm	Completed ✓
Homework due Thursday 14th September 3pm	Late 19%
Introducing Sparx Maths	Completed ✓





Hey Kacey,

This is your personalised Compulsory homework. You need to answer every question correctly to complete it.



- Homework due Thursday 19th October 3pm Completed ✓
- Homework due Thursday 12th October 3pm Completed ✓
- Homework due Thursday 5th October 3pm Completed ✓
- Homework due Thursday 28th September 3pm Late 94%
- Homework due Thursday 21st September 3pm Completed ✓
- Homework due Thursday 14th September 3pm Late 19%
- Introducing Sparx Maths Completed ✓





3A ✓

3B ✓

3C ✓

3D ✓

3E ✓

3F |

Summary

Bookwork code: 3F

Calculator
allowed

A stationery shop orders a batch of pens from a factory.
The factory could make the batch of pens in 20 days
using 12 machines.

Due to a fault, only 3 machines were used for the first
8 days.

All 12 machines were used from day 9 onwards.

Work out the total number of days taken to make the
batch of pens.

[< Previous](#)[Watch video](#)[Answer](#)



Compulsory



XP Boost



Target



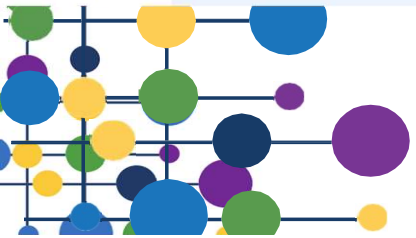
Independent Learning

Hey Kacey,

0/6

This is your personalised XP Boost homework. Collect lots of XP and learn more with every question you answer.

- XP Boost for Thursday 19th October 3pm Not started
- XP Boost for Thursday 12th October 3pm Not started
- XP Boost for Thursday 5th October 3pm Not started
- XP Boost for Thursday 28th September 3pm Not started
- XP Boost for Thursday 21st September 3pm Not started
- XP Boost for Thursday 14th September 3pm Not started





Compulsory



XP Boost



Target



Independent Learning

Hey Kacey,

This is your personalised Target homework. Stretch yourself with questions chosen to challenge you.

0/6

- Targets for Thursday 19th October 3pm Not started
- Targets for Thursday 12th October 3pm 66%
- Targets for Thursday 5th October 3pm Not started
- Targets for Thursday 28th September 3pm Not started
- Targets for Thursday 21st September 3pm Not started
- Targets for Thursday 14th September 3pm Not started



Independent Learning

Find topics

My activity

Search for topics:

Enter topic name or code

Your curriculum:

GCSE

Default level:

Level 4

Select a topic:

Number



Algebra



Ratio and Proportion



Geometry



Probability



Statistics



Compulsory

XP Boost

Target

Independent Learning

Question Level Analysis – after mocks

Questions	Topic	Score	Sparx Code
1	Using a written method to divide with decimals	3 / 3	U868
2	Adding and subtracting mixed numbers	3 / 3	U793
3	Find the surface area of cubes and cuboids, Find the volume of cubes and cuboids	0 / 4	U929, U786
4	Drawing and interpreting frequency polygons	1 / 2	U840
5a	Venn diagrams	2 / 3	U476
5b	Venn diagrams with set notation	0 / 2	U748
6a	Interpreting scatter graphs	1 / 1	U277
6b	Using lines of best fit	2 / 2	U128
7	Finding original values in percentage calculations	0 / 2	U286
8	Finding the volume of cylinders, Calculating with pressure	0 / 3	U915, U527
9	Solving simultaneous equations graphically	0 / 1	U836
10	Angles in polygons, Constructing and solving equations	4 / 4	U427, U599
11	Simplifying expressions using index laws	0 / 3	U662
12	Tree diagrams for independent events	0 / 3	U558
13	Constructing direct proportion equations	3 / 3	U407
14a	Index rules with negative indices	1 / 1	U694
14b	Indices of the form a/b	3 / 3	U772
15	Interpret equations of straight lines, Equations of parallel & perpendicular lines	0 / 3	U669 U898
16	Finding the surface area of spheres, Simplifying surds	0 / 4	U893, U338
17	Changing the subjects of formulae	4 / 4	U556
18	Calculating with ratios and algebra	0 / 4	U676
19	Using the product rule for counting	2 / 2	U369
20a	Finding inverse functions	2 / 2	U996
20b	Finding composite functions	3 / 3	U448
21	Circle theorems	0 / 4	U459, U489
22	Trigonometry in 3D shapes, Using the exact values of trigonometric ratios (Higher)	0 / 2	U170, U319
23	Rationalising denominators containing two terms	0 / 4	U281
24	Solving quadratic inequalities	0 / 5	U133
Total		34 / 80	

Other Useful Websites and activities

- CorbettMaths - <https://corbettmaths.com>
5 questions for each day at different ability levels

Extra worksheets and videos for each topic



Corbettmaths

Welcome Videos and Worksheets Primary 5-a-day ▾ More ▾ Revision Cards Books

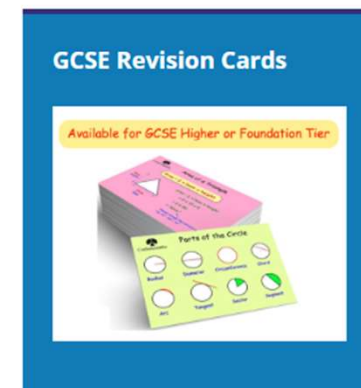
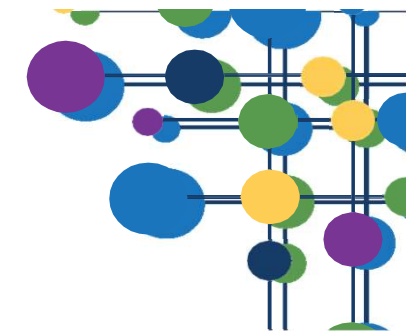
Welcome

5-a-day

Videos

Worksheets

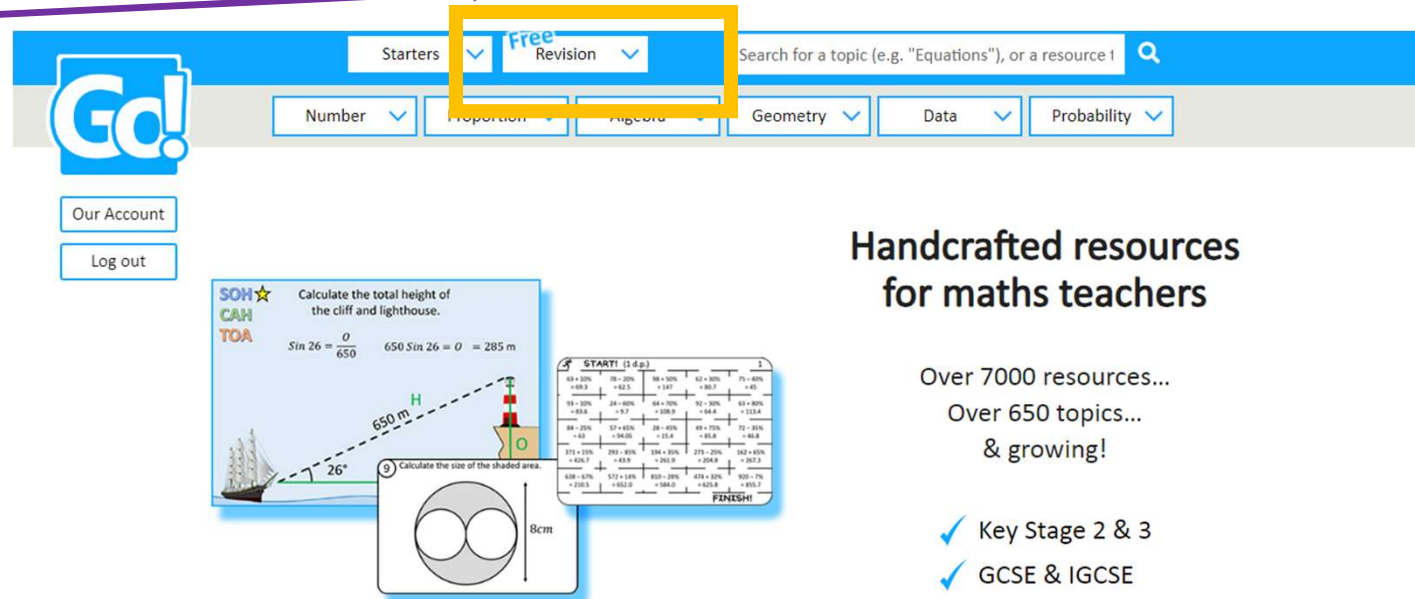
GCSE Revision



Other Useful Websites and activities

- Goteachmaths - <https://www.goteachmaths.co.uk/>

Free revision resources and it is categorised by ability



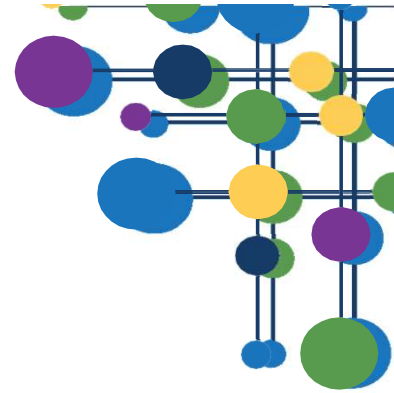
The screenshot shows the Gd! website interface. At the top, there is a navigation bar with 'Starters' and 'Revision' dropdown menus. A yellow box highlights the 'Free' label next to the 'Revision' menu. Below the navigation bar, there are several category dropdown menus: 'Number', 'Algebra', 'Geometry', 'Data', and 'Probability'. On the left side, there is a 'Gd!' logo and two buttons: 'Our Account' and 'Log out'. In the center, there are three sample resource cards:

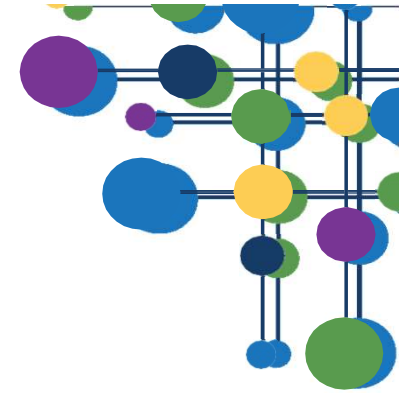
- A trigonometry problem: "Calculate the total height of the cliff and lighthouse." with the equation $\sin 26 = \frac{O}{650}$ and the solution $650 \sin 26 = O = 285 \text{ m}$. It includes a diagram of a ship, a cliff, and a lighthouse.
- A geometry problem: "Calculate the size of the shaded area." with a diagram of a circle containing two smaller circles and a shaded region. A vertical dimension of 8cm is shown.
- A multiplication table titled "START! (1 d.p.)" with columns labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. The table contains multiplication results for numbers 11 through 20. It ends with "FINISH!".

On the right side of the screenshot, there is text describing the resources:

Handcrafted resources for maths teachers

- Over 7000 resources...
- Over 650 topics... & growing!
- ✓ Key Stage 2 & 3
- ✓ GCSE & IGCSE





£54 inheritance money is split between Abi, Babs and Caz in the ratio 1:3:2.

Abi gives 80% of her money to charity.

Babs gives 0.25 of her money to the same charity.

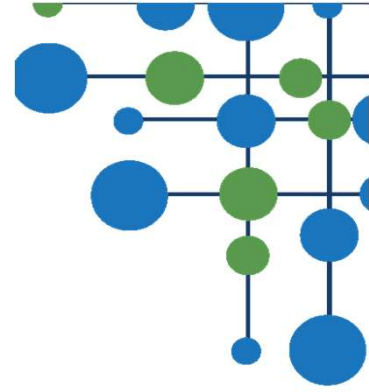
Caz also gives $\frac{2}{9}$ of her money to the charity?

- a) How much money in total do the girls donate to a charity?
- b) Express the amount of money they give to charity as a percentage of the inherited amount to 1 decimal place

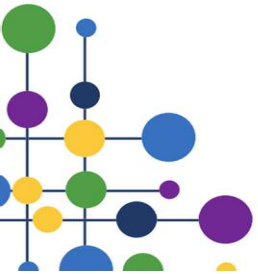
4. (a) $1 + 3 + 2 = 6$ shares
 $£54 \div 6 = £9$ per share
 $£9 \times 1 : £9 \times 3 : £9 \times 2 = £9 : £27 : £18$
Abi: $(80 \div 100) \times £9 = £7.20$
Babs: $0.25 \times £27 = £6.75$
Caz: $\frac{2}{9} \times £18 = £4$
Total = $£7.20 + £6.75 + £4 = \mathbf{£17.95}$

(b) $(17.95 \div 54) \times 100 = 33.24074074 = \mathbf{33.2\%}$



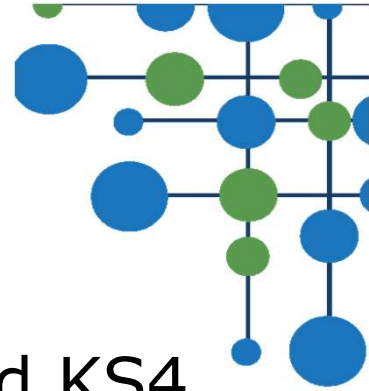
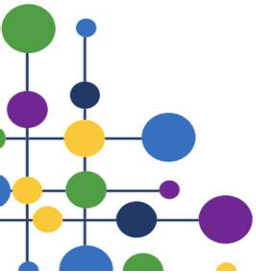


Science



Curriculum allocation

- Equivalent to 4 hours of science a week at KS3 and KS4
- Triple (KS4)- around 3 to 4 hours of biology, chemistry and physics each

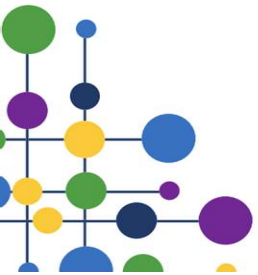
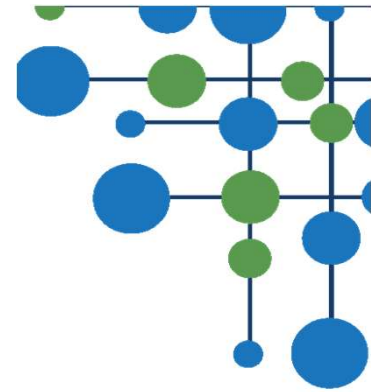




KS3 (Y7-9)

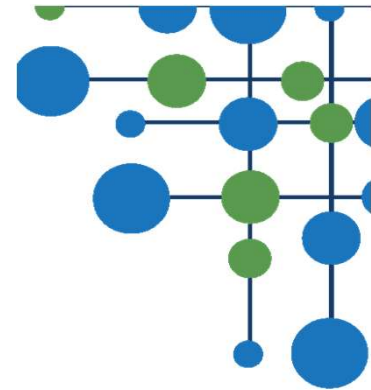
- Spiral curriculum
- Formal assessment points 3 times through the year
- Mix of practical and theory lessons

- Homework set every 2 weeks, students complete a task based on the homework in the lesson



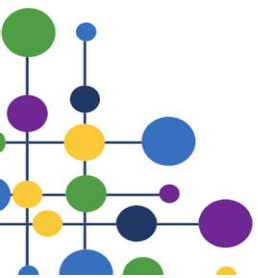


KS4 Combined Science



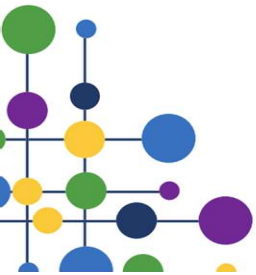
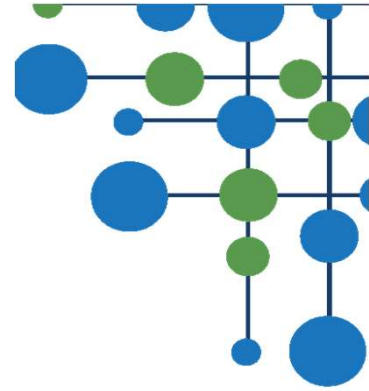
- Spiral curriculum
- Formal assessment points 3 times throughout the year
- 21 Required practicals

- Homework set every week- Revision card and task in lesson based on the revision topic



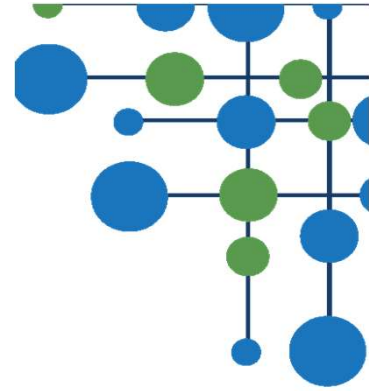
**Triple: 1 GCSE per Biology,
Chemistry and Physics. 6 papers,
1hr 45 each, 100 marks each**

- Biology Grade: 50% Paper 1 50% Paper 2
- Chemistry Grade: 50% Paper 1 50% Paper 2
- Physics Grade: 50% Paper 1 50% Paper 2



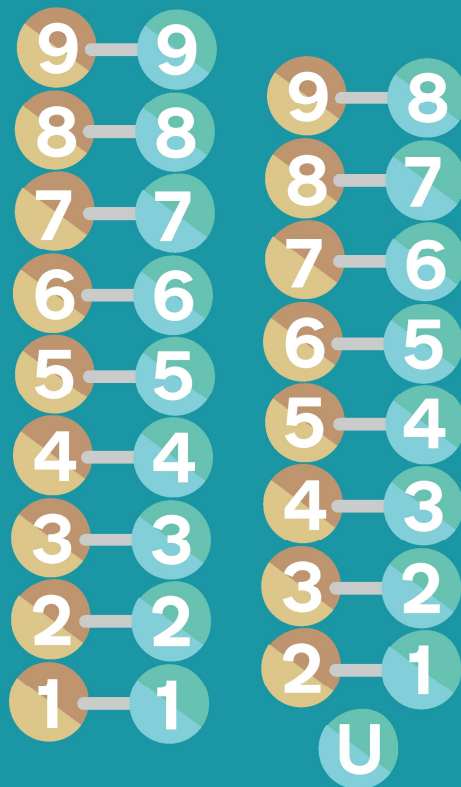
Combined: **2 GCSEs** Dual Grade Average of all 6 papers

- Each paper worth 70 marks
- Each paper 1hr 15 mins
- All papers are weighted the same, so it's imperative to keep pushing through all 6 papers



GCSE COMBINED SCIENCE

DOUBLE AWARD GRADE COMBINATIONS



New grading structure	Current grading structure
9	A*
8	A
7	A
6	B
5	B
4	C
3	D
2	E
1	F
1	G
U	U

Huge amounts of content: Prioritise

Students need to prioritise their revision topics based on:

- Teacher feedback
- RAG grids from post mock analysis

Question	Topic	Max Marks	Marks	RAG
Q1	Atomic structure	12	4	✗
Q2	Electricity	8	6	✓
Q3	Plant Transport systems	12	0	✗
Q4	Covalent Bonding	8	1	✗
Q5	Digestive system	8	3	⚠
Q6	Energy	8	1	✗

WWW: You have shown that you are able to...

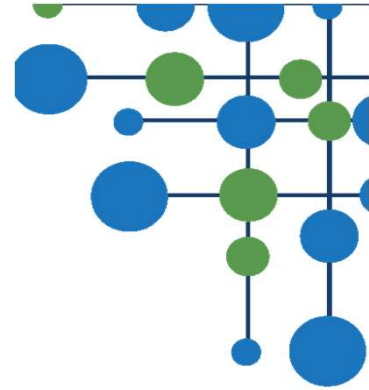
Atomic structure	
Electricity	
Plant Transport systems	
Covalent Bonding	
Digestive system	
Energy	

EBI: To progress, your next steps must be to...

Atomic structure	✓
Electricity	✓
Plant Transport systems	✓
Covalent Bonding	✓
Digestive system	✓
Energy	

Tier of Entry (combined and triple)

- Higher: 4-9
- Foundation: 1-5



What can you do to support?

- Encourage your child to:
- Complete homework
- Be proactive if they don't understand something and signpost them towards:
 - BBC Bitesize
 - YouTube channels: Primrose Kitten, Fuse school, Free Science Guy etc
 - Revision Guides
 - Knowledge organiser and retrievers (can be purchased from TCA)