“Up The Ante”

Year 11 Information Evening

P
R
I
D
E

Barnwell School
MIDDLE & UPPER

Achieving Excellence Together

BARNWELL SCHOOL MIDDLE & UPPER
Achieving Excellence Together

Key Dates

- Exam Busters – Friday 22 March
- Easter Holidays 'Grab a Grade' classes - Monday 8 April to Friday 12 April
- First Core Exam - Science on Friday 10 May
- May Half Term 'Grab a Grade' classes - Monday 27 May to Friday 31 May
- Exam Board Contingency Day – Wednesday 26 June
- GCSE Results Day - Thursday 22 August 9am

P R I D E

How to Prepare

Mrs Collier

P
R
I
D
E

Barnwell School
MIDDLE & UPPER

Achieving Excellence Together

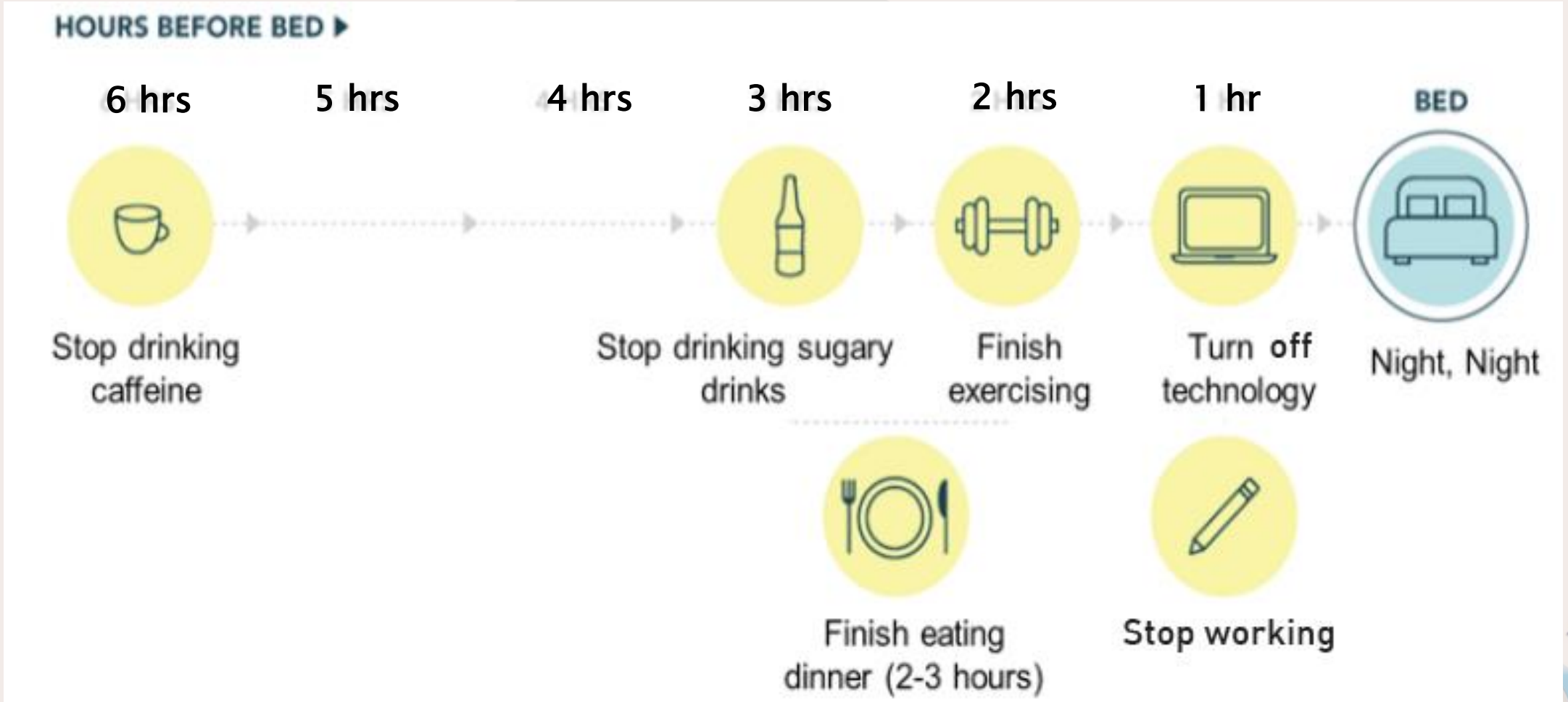
BARNWELL SCHOOL
MIDDLE & UPPER
Achieving Excellence Together

Prepare to Perform

P
R
I
D
E

- Create a calm environment
- Remove distractions
- Plan revision times and stick to them
- Plan in breaks, social time and sleep!
- Look after yourself. Eat sensibly and get enough sleep

Get enough sleep!



P R I D E

- You will need a transparent pencil case.
- Black pens are used in exams.
- You need a full maths set including a calculator.
- Remove labels from water bottles. They must be clear.
- All watches must be removed.
- All phones should be handed in or left outside the exam hall.

P R I D E

The exam does not wait for you, you have to be there and on time.

Barnwell School
MIDDLE & UPPER

Achieving Excellence Together

BARNWELL SCHOOL MIDDLE & UPPER
Achieving Excellence Together

P
R
I
D
E

"Keep your eye on the prize and try your best…"

Barnwell School
MIDDLE & UPPER

Achieving Excellence Together

Achieving Excellence Together

Supporting your child with their revision

Mrs Francis

P
R
I
D
E

Barnwell School
MIDDLE & UPPER

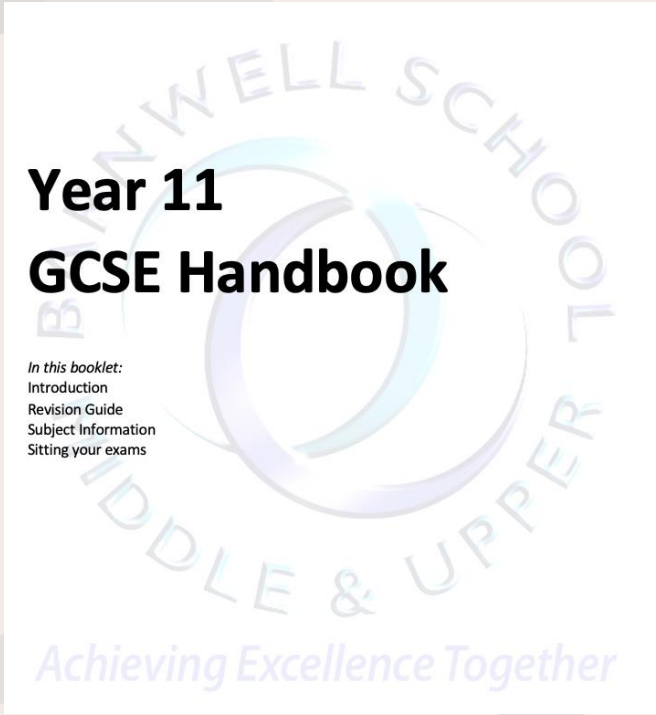
Achieving Excellence Together

BARNWELL SCHOOL MIDDLE & UPPER
Achieving Excellence Together

Year 11 – GCSE Handbook

In this booklet:

Introduction
Revision Guidance
Subject Information
Sitting your exams



P R I D E

Barnwell School
MIDDLE & UPPER

Achieving Excellence Together

Achieving Excellence Together

Year 11 – GCSE Handbook

P
R
I
D
E

- Read through the booklet with your child
- Discuss the different revision strategies within the booklet – are they using any of these already?
- Highlight GCSE subjects within the booklet. Is your child clear on expectations?

Two qualifications:

-GCSE English Language
-GCSE English Literature

Two exams for each

ENGLISH REVISION

MISS EVANS

BARNWELL SCHOOL
MIDDLE & UPPER
Achieving Excellence Together

LEARN LANGUAGE/STRUCTURE TECHNIQUES

- Make flashcards of techniques
- Practise identifying them in any fiction or non-fiction text
- Explain the effect – 'This makes the reader _____'

BARNWELL SCHOOL MIDDLE & UPPER
Achieving Excellence Together

Term Definition Characteristics Examples	Illustration
Term Definition Characteristics Examples	Illustration
Term Definition Characteristics Examples	Illustration
Term Definition Characteristics Examples	Illustration

BARNWELL SCHOOL
MIDDLE & UPPER
Achieving Excellence Together

LEARN PETAL OR WHW ACRONYM

- Point
- Evidence
- Technique
- Analysis
- Link to the question/historical context

- WHAT does the author intend to convey?
- HOW do they do so?
- WHY is this significant?

BARNWELL SCHOOL MIDDLE & UPPER
Achieving Excellence Together

LEARN THE AFORESTMAP ACRONYM

- Alliteration
- Figurative Language/Facts
- Onomatopoeia/Opinions
- Rhetorical Question/Repetition
- Emotive Language
- Simile/Statistics
- Triplet
- Metaphor
- Anecdote
- Personification

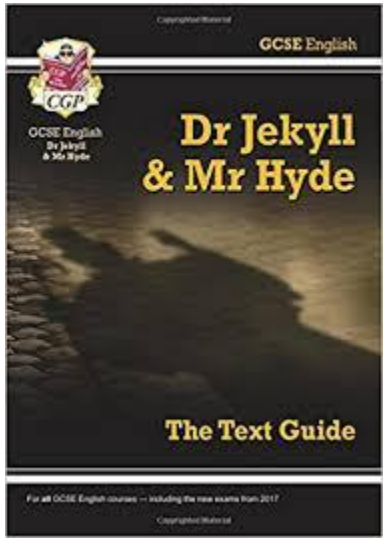
BARNWELL SCHOOL MIDDLE & UPPER
Achieving Excellence Together

PRACTISE PAST PAPERS IN TIMED CONDITIONS

- AQA website
- Links on English section of the school website
- Use scaffolding provided by your teacher

BARNWELL SCHOOL
MIDDLE & UPPER
Achieving Excellence Together

LITERATURE - FOUR TEXTS - CLOSED BOOK



Paper 1

- Macbeth
- A Christmas Carol/Jekyll and Hyde

Paper 2

- An Inspector Calls
- Power and Conflict poetry
- Unseen Poetry

- CPG revision guides
- BBC Bitesize Literature section
- Mr. Bruff/Mr Salles YouTube videos

BARNWELL SCHOOL MIDDLE & UPPER
Achieving Excellence Together

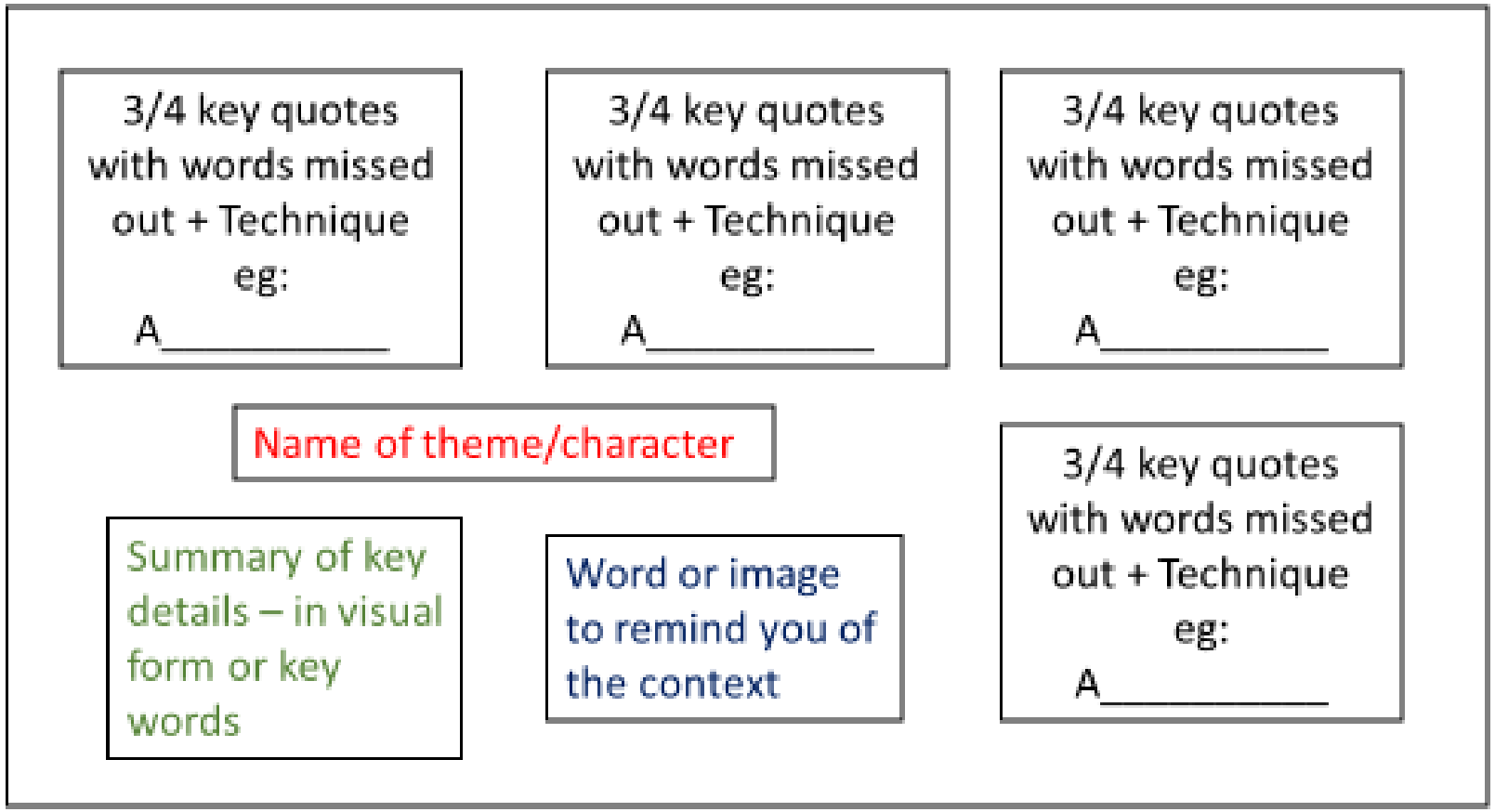
COMMON MISCONCEPTION

LITERATURE IS JUST REMEMERING THE QUOTES

You also need to revise:

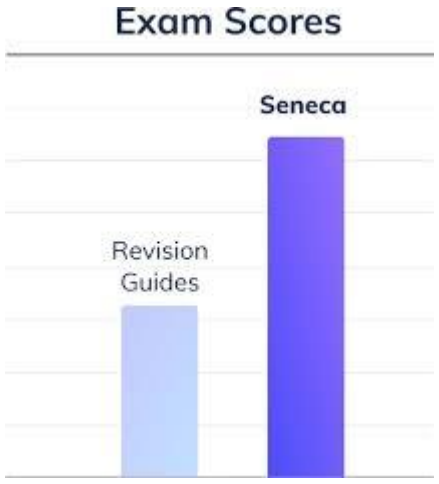
- How the characters and themes are presented
- Where in the text the quotation comes from and how this affects meaning
- Key points of context and writers' purposes
- Techniques used and reader/audience response

EXAMPLE REVISION CARD



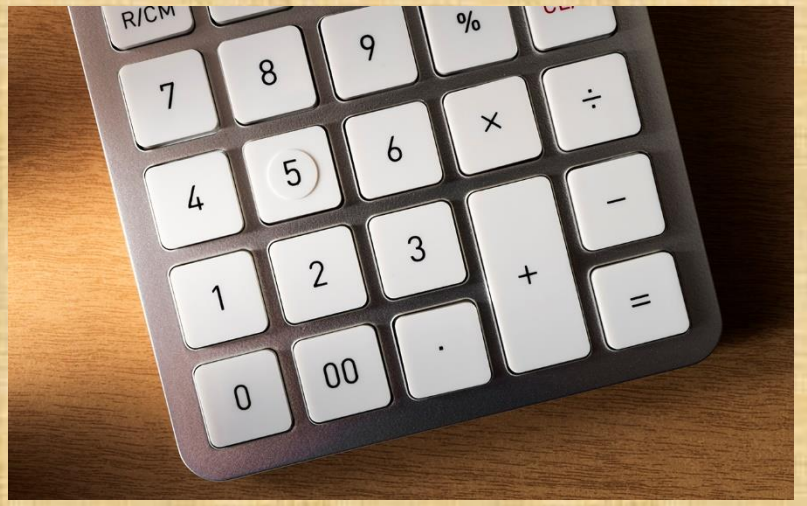
SENECA - LITTLE AND OFTEN!

- All students in Year 11 have been set up with a Seneca account and attached to the relevant revision courses.
- Students can access the website on their phones and on computers.
- Sessions take approximately 5 minutes to complete and are available for Literature and Language.
- https://www.senecalearning.com/



Maths Revision

Ms Bowles



How to revise maths

1. Start early using a “little and often” approach

A great tool to use is mathswatch –

https://vle.mathswatch.co.uk/vle/

Students have their own login for this and the website provides a 6 week revision timetable for students to use

MathsWatch Ltd

Six Week Revision Schedule for the GCSE Higher Maths Exam

	Number	Algebra	Ratio & Proportion	Geometry & Measures	Probability & Stats	Total time of clips (OMM)	Grade	Completed?
Monday	32			48, 49, 50, 54, 55, 56		7 mins	2	
Tuesday	66, 67, 68, 69	93, 94, 95	105	112		9 mins	3	
Wednesday	70, 71, 72, 73, 74	96, 97	106			8 mins	3	
Thursday	75, 76, 77	98, 99	107	113		7 mins	3	
Friday	78, 79, 80	100, 101		114a/b, 115		8 mins	3	
Saturday								
Sunday								
Monday	81, 82, 83	102, 103, 104			125, 126	8 mins	3	
Tuesday	84, 85			116, 117, 118, 119	127a/b	8 mins	3	
Wednesday	86, 87, 88, 89		108, 109, 110, 111		128, 129	10 mins	3	
Thursday	90, 91, 92			120, 121, 122, 123, 124	130a/b	10 mins	3	
Friday	131, 132	133		145, 146a/b, 147		7 mins	4	
Saturday								
Sunday								
Monday		134a/b, 135(a or b)	142, 143	148		6 mins	4	
Tuesday		136, 137	144	149		4 mins	4	
Wednesday		138, 139, 140, 141			151	5 mins	4	
Thursday				150a/b	152, 153	4 mins	4	
Friday	154, 155, 156		164	165		5 mins	5	
Saturday								
Sunday								
Monday		157, 158, 159a/b		166, 167		6 mins	5	
Tuesday		160, 161, 162, 163		168		5 mins	5	
Wednesday				169, 170, 171	175	4 mins	5	
Thursday				172, 173, 174	176	4 mins	5	
Friday	177	178, 179, 180				4 mins	6	
Saturday								
Sunday								
Monday				181(a or b), 182	185, 186, 187	5 mins	6	
Tuesday				183, 184		2 mins	6	
Wednesday	188, 189	190, 191		200	204	6 mins	7	
Thursday		192, 193, 194		201, 202, 203		6 mins	7	
Friday		195, 196, 197, 198	199		205	6 mins	7	
Saturday								
Sunday								
Monday	206	208, 209				3 mins	8/9	
Tuesday	207a/b	210, 211				4 mins	8/9	
Wednesday		212, 213		217		3 mins	8/9	
Thursday		214, 215		218		3 mins	8/9	
Friday		216		219		2 mins	8/9	

MathsWatch Ltd

Six Week Revision Schedule for the GCSE Foundation Maths Exam

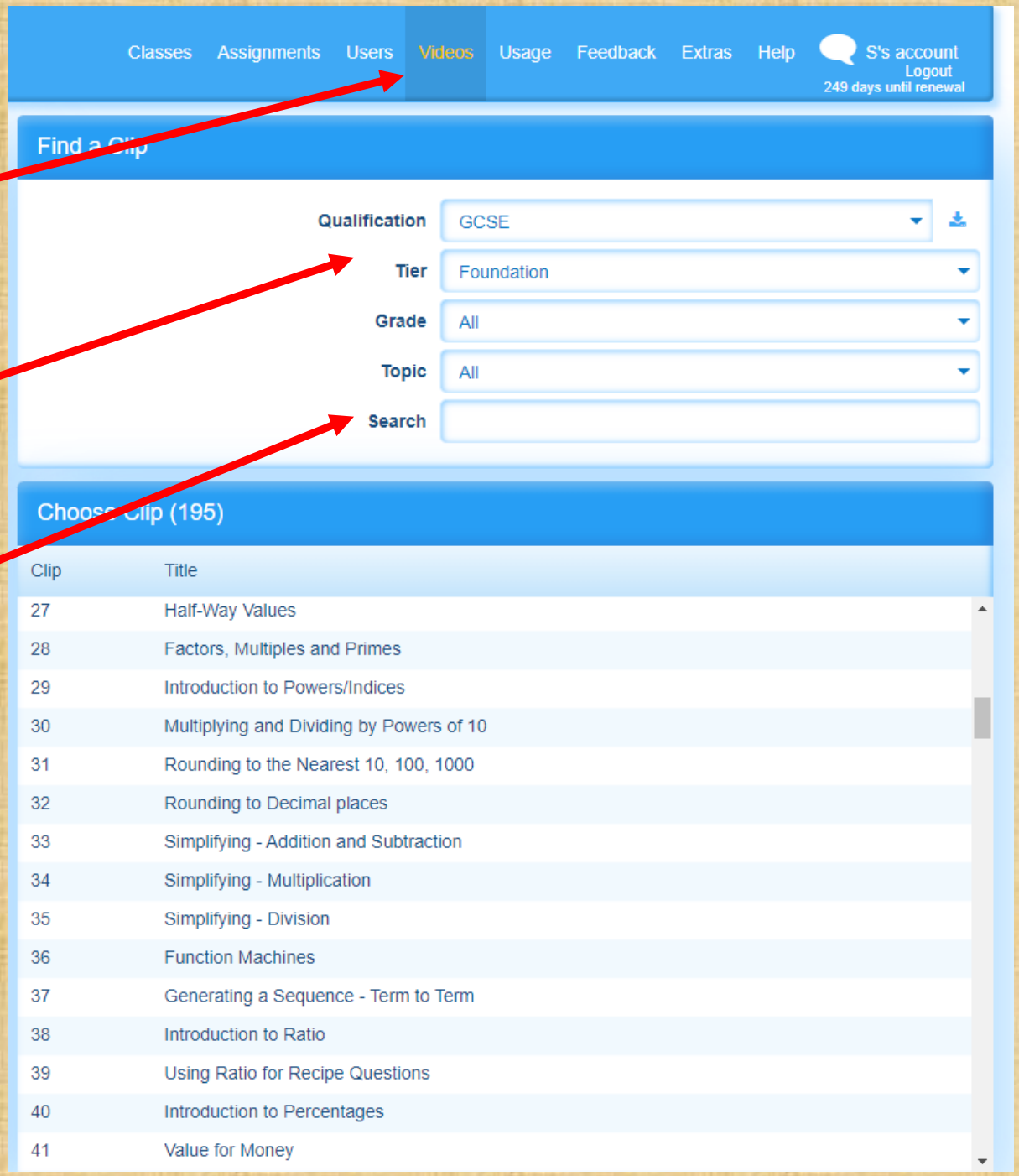
	Number	Algebra	Ratio & Proportion	Geometry & Measures	Probability & Stats	Total time of clips (OMM)	Grade	Completed?
Monday	1, 2, 3, 4, 5, 6	7, 8				8 mins	1	
Tuesday				9, 10, 11, 12, 13	14, 15, 16	8 mins	1	
Wednesday	17, 18, 19, 20	33, 34, 35	38, 39			9 mins	2	
Thursday	21, 22, 23	36, 37	40, 41, 42			8 mins	2	
Friday	24, 25, 26			43, 44, 45, 46, 47	57, 58	10 mins	2	
Saturday								
Sunday								
Monday	27, 28, 29			48, 49, 50	59, 60	8 mins	2	
Tuesday	30, 31, 32			51, 52	61, 62, 63	8 mins	2	
Wednesday				53, 54, 55, 56	64, 65	6 mins	2	
Thursday	66, 67, 68, 69	93, 94, 95	105	112		9 mins	3	
Friday	70, 71, 72, 73, 74	96, 97	106			8 mins	3	
Saturday								
Sunday								
Monday	75, 76, 77	98, 99	107	113		7 mins	3	
Tuesday	78, 79, 80	100, 101		114a/b, 115		8 mins	3	
Wednesday	81, 82, 83	102, 103, 104			125, 126	8 mins	3	
Thursday	84, 85			116, 117, 118	127a/b	7 mins	3	
Friday	86, 87, 88, 89		108, 109, 110			7 mins	3	
Saturday								
Sunday								
Monday	90, 91, 92		111	119	128, 129	7 mins	3	
Tuesday				120, 121, 122, 123, 124	130a/b	7 mins	3	
Wednesday	131, 132	133		145, 146a/b, 147		7 mins	4	
Thursday		134a/b, 135(a or b)	142, 143	148		6 mins	4	
Friday		136, 137	144	149		4 mins	4	
Saturday								
Sunday								
Monday		138, 139, 140, 141			151	5 mins	4	
Tuesday				150a/b	152, 153	4 mins	4	
Wednesday	154		164			2 mins	5	
Thursday	155	157, 158				3 mins	5	
Friday	156	159a/b		165		4 mins	5	
Saturday								
Sunday								
Monday		160, 161		166		3 mins	5	
Tuesday		162		167		2 mins	5	
Wednesday		163		168		2 mins	5	
Thursday				169, 170, 171	175	4 mins	5	
Friday				172, 173, 174	176	4 mins	5	

Once logged in:

Click on videos

Select GCSE and Tier

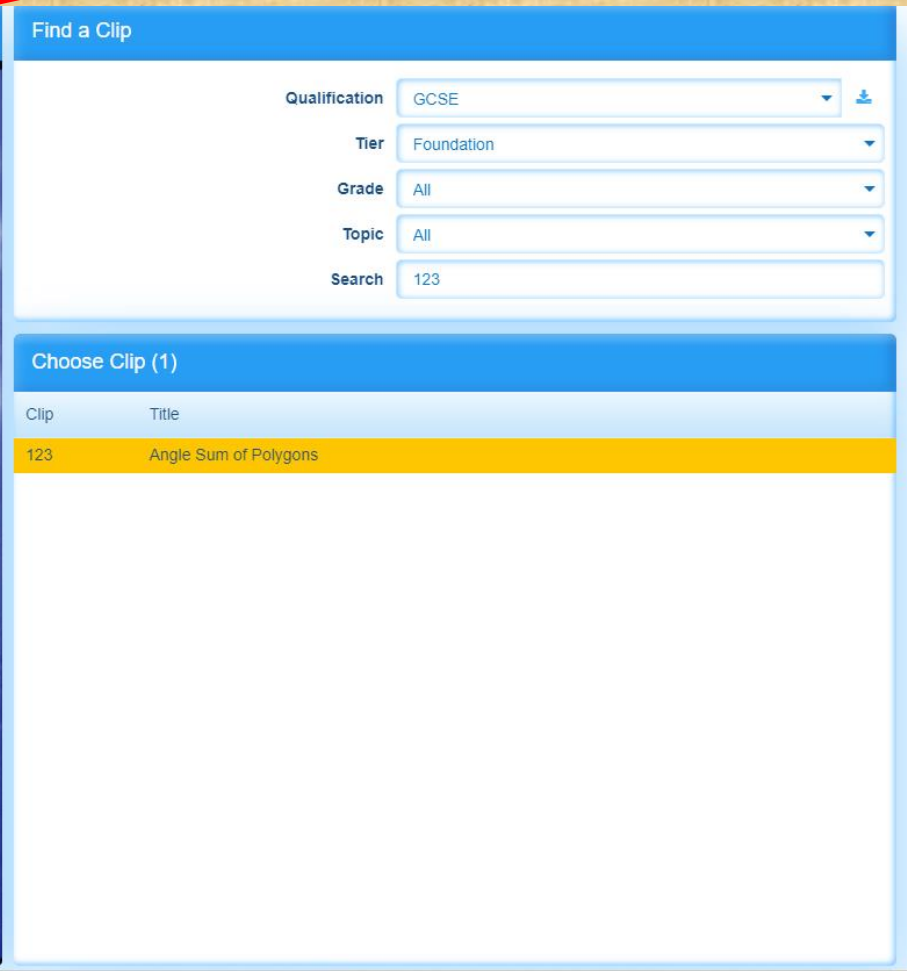
Type in the clip number or a skill you want to revise



You can choose to watch the whole video if you are really unsure or select the One Minute Video

or the Interactive Questions

or the Worksheet



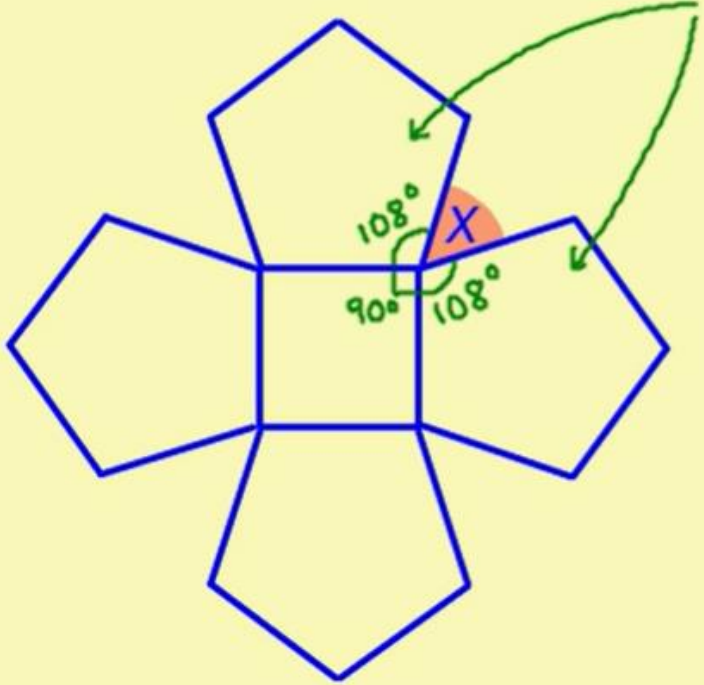
Press play

The full video stops frequently for students to try out the skill before going on to explain the answer

Clip 123 Angle Sum of Polygons

One Minute Maths | Interactive Questions | Worksheet

The diagram shows a square and 4 regular pentagons.
Work out the size of the angle marked x.



pentagon → 5 sides → 3 triangles

$3 \times 180 = 540$

$540 \div 5 = 108$

$360 - 108 - 108 - 90 = 54°$

06:44

The one minute video quickly recaps the skill, it still stops for students to have a go at a question but it only provides the answers

Clip 123 Angle Sum of Polygons

Full Version | Interactive Questions | Worksheet

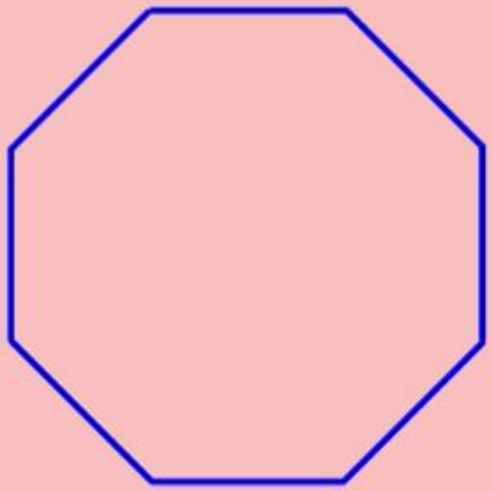
The diagram shows a regular octagon.

Find:

a) the sum of the interior angles.

b) the size of one interior angle.

c) the size of one exterior angle.



00:04

The interactive questions let you know if you are correct or incorrect so that you can try again

MathsWatch

Classes Assignments Users Videos Usage Feedback

Well Done!
you have answered correctly

Clip 123 Angle Sum of Polygons - Question 2

Return to Videos

Standard Questions 1 2 3 4 5 6 7

Harder Questions 1 2 3 4 5 6 7

Question Progress

2 / 2 Marks

95%

Work out the sum of the interior angles of a decagon.

1440 °

MathsWatch

Classes Assignments Users Videos Usage Feedback

Whoops!
You have some incorrect answers

Clip 123 Angle Sum of Polygons - Question 3

Return to Videos

Standard Questions 1 2 3 4 5 6 7

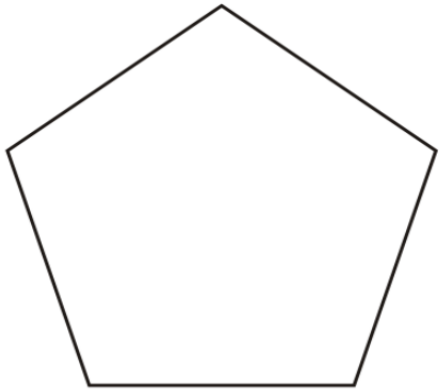
Harder Questions 1 2 3 4 5 6 7

Question Progress

96%

The diagram shows a regular pentagon.

Work out the size of **one** interior angle.



540 °

Submit Answer

Clip 123

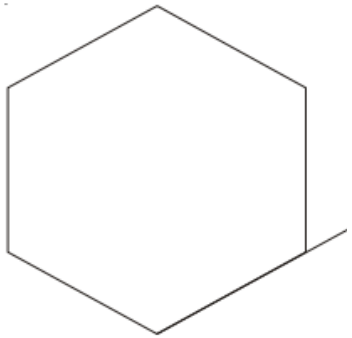
The worksheet is usually two pages long and contains non calculator and calculator questions

©MathsWatch | Clip 123

Grade 3 questions

Angle Sum of Polygons

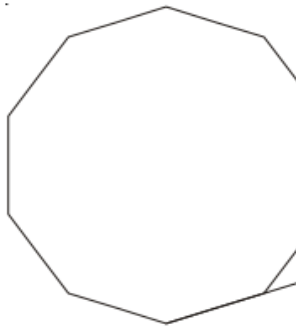
1)



a) Work out the size of an **exterior** angle of a regular he

b) Work out the size of an **interior** angle of a regular he

2)



a) Name the regular polygon, above.

b) Work out the size of an **exterior** angle and of an **inte**

3) The size of each **exterior** angle of a regular polygon is

Work out the number of sides of the regular polygon.

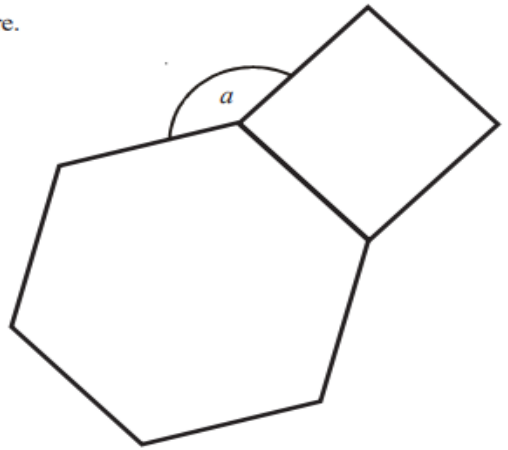
©MathsWatch | Clip 123

Grade 3 questions

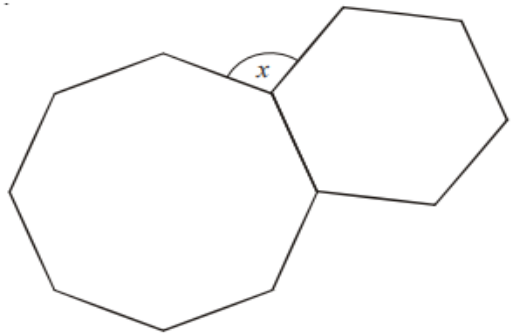
Angle Sum of Polygons

1) The diagram shows a regular hexagon and a square.

Calculate the size of the angle a.



2)



The diagram shows a regular octagon and a regular hexagon.

Work out the size of angle x.

3) *ABCDE* and *PQRSE* are regular pentagons.
AES is an equilateral triangle.

Work out the size of angle *DEP*.

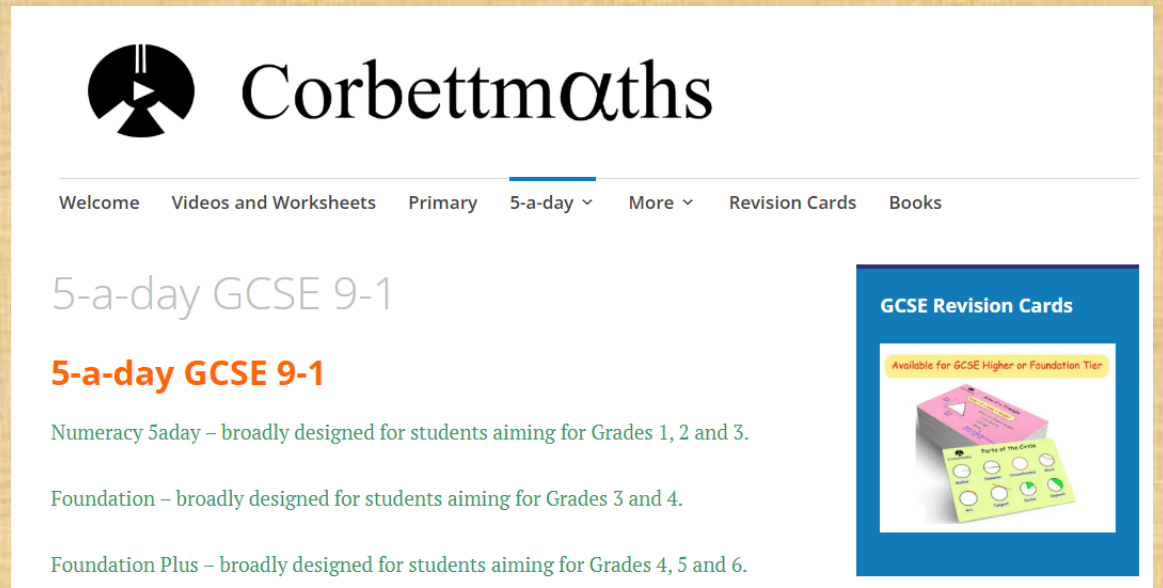
2. Establish what topics are your strengths and those that need attention by using your mock exam analysis spreadsheet, going through your homework or zig zag papers.

Read the notes in your exercise books – even those from several years ago

Use the mathswatch website

And others websites, such as Corbett maths – who offer worksheets, exam questions, videos and five a day mixed topic worksheets

Attend the period 7 sessions and ask you teacher if they could focus in on some of the topics you are unsure of

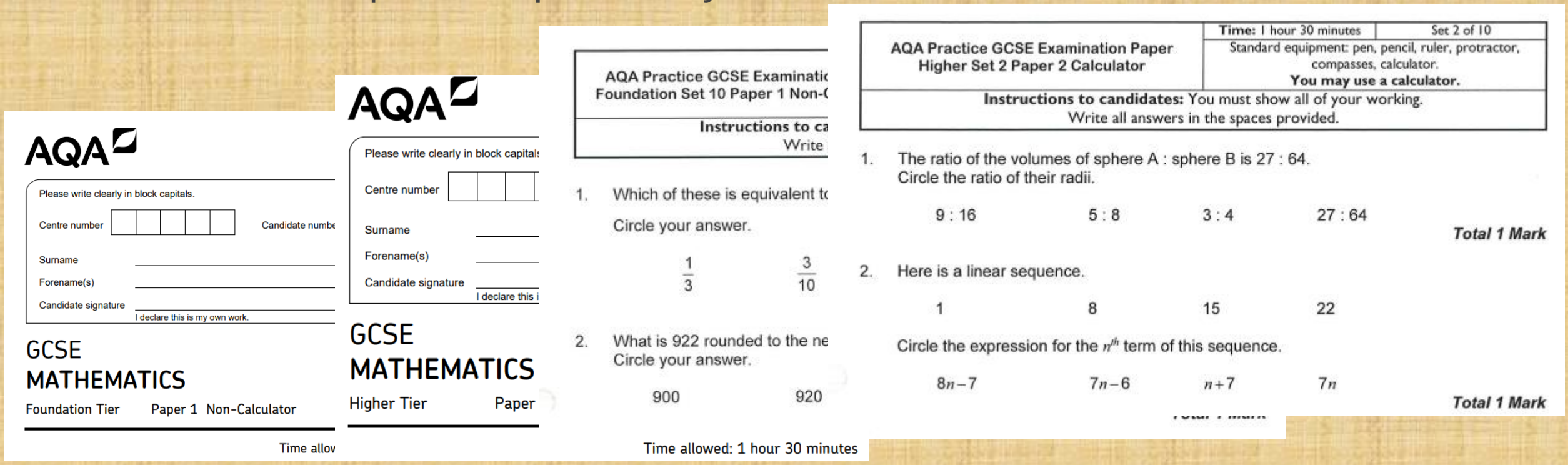


3) Past papers, past papers, past papers!

Although every year there will be a tricky question or two, the vast majority of a GCSE maths questions are fairly predictable.

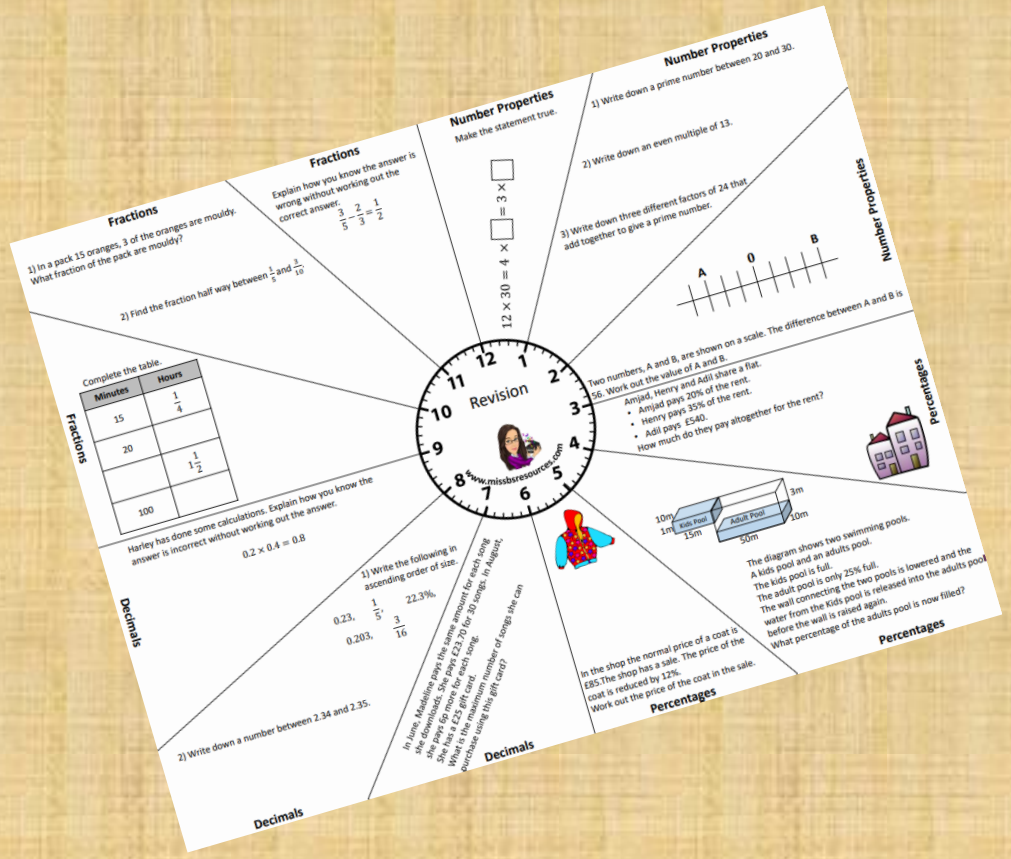
By completing lots of past papers and zig zag papers, you will be fully prepared for the majority of the questions.

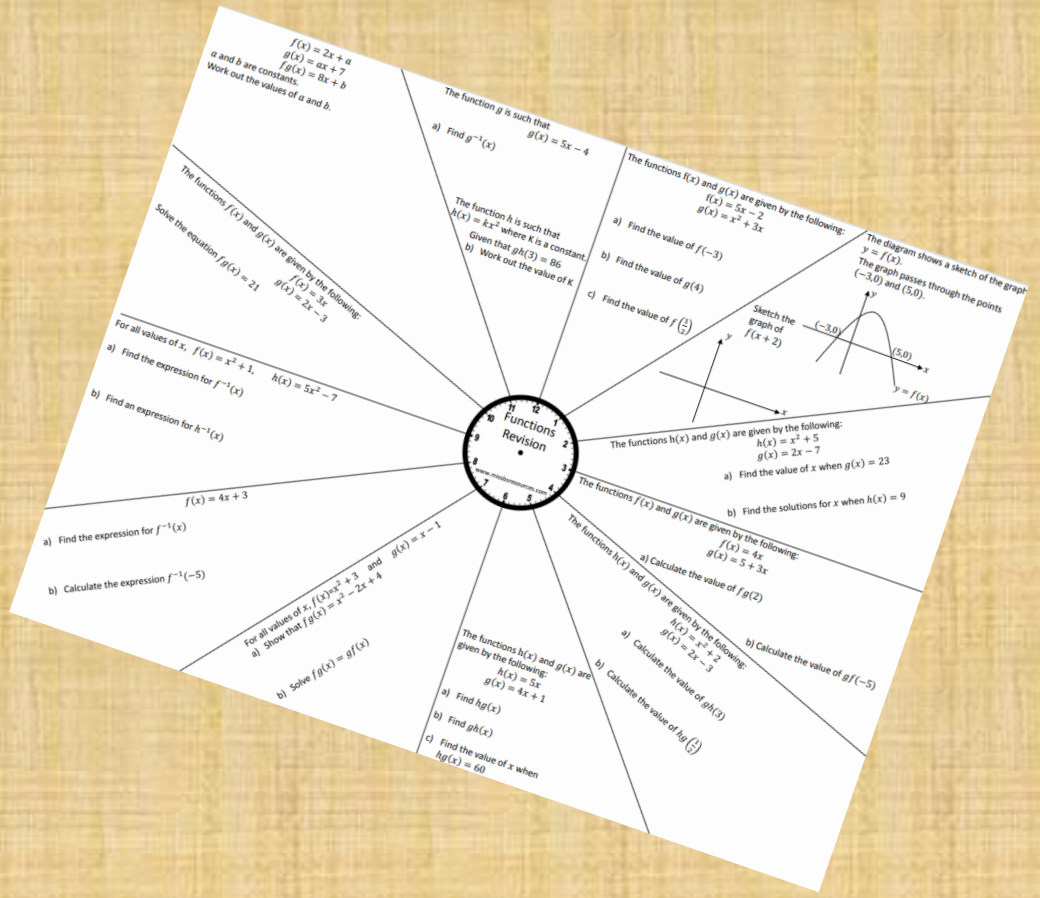
It will also help you identify what topics are your “weaknesses” and will let you know which videos and practice questions you will need to work on next.



4) Attend the Easter ‘Grab a Grade’ sessions that are provided by your class teacher.

These sessions will be built around the needs of your class and your teacher will know exactly where your weaknesses are and will focus in on improving these areas.

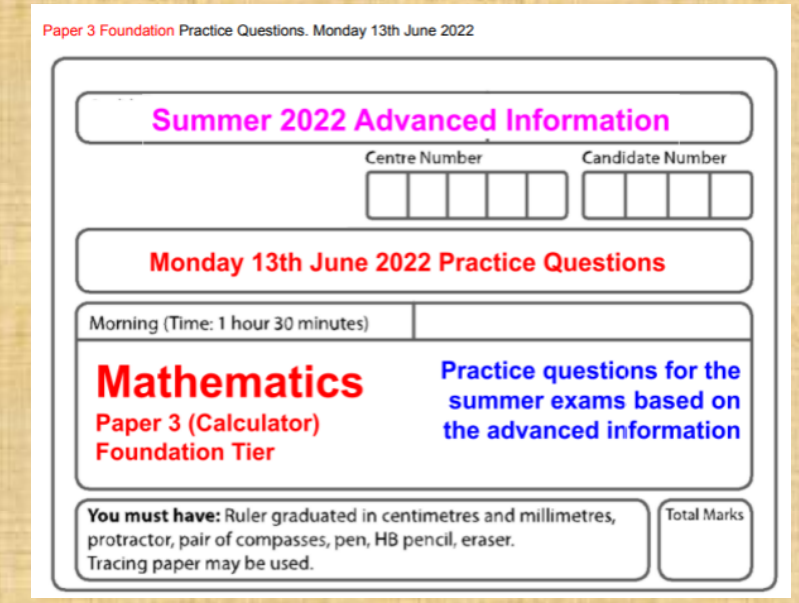




4) Attend the superlearning sessions that are provided before each exam paper

We make use of exam paper prediction resources so after paper 1 we will be provided with a predicted paper 2 and, after paper 2 we will receive a predicted paper 3.

These are amazingly accurate each year so it is vital you attend the sessions so that you can work on the skills that could very well be on the paper the next day.



Paper 3 Foundation Practice Questions. Monday 13th June 2022

Summer 2022 Advanced Information

Centre Number | Candidate Number

Monday 13th June 2022 Practice Questions

Morning (Time: 1 hour 30 minutes)

Mathematics

Paper 3 (Calculator)
Foundation Tier

Practice questions for the summer exams based on the advanced information

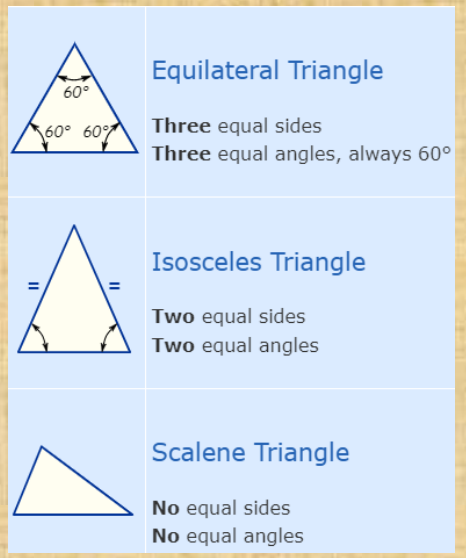
You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser. Tracing paper may be used.

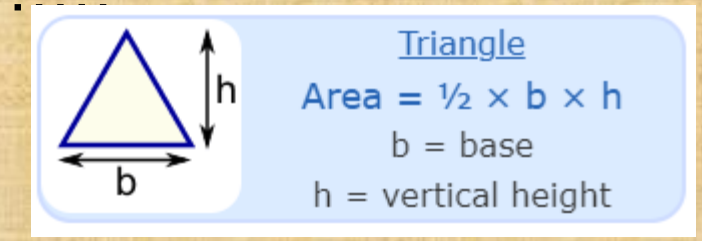
Total Marks

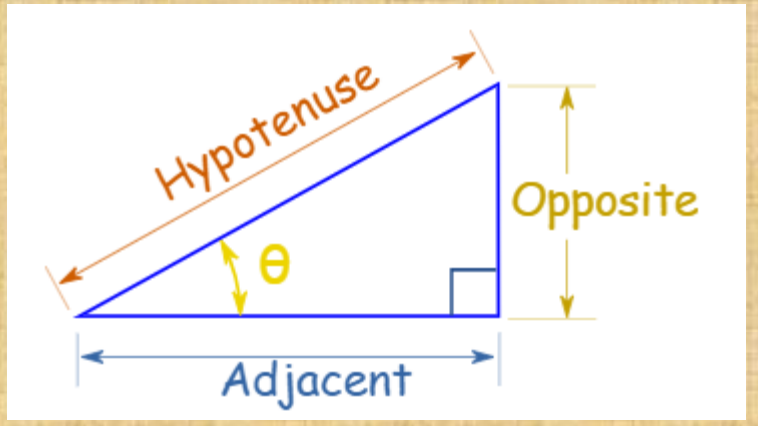
5) Mix it up!

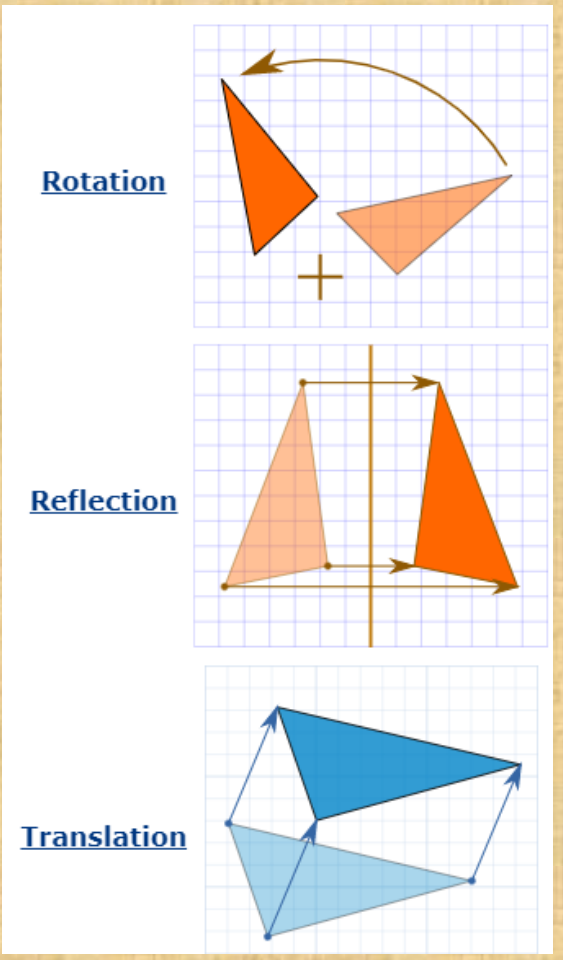
Variety – Mix up your revision, adding in different activities. It's important that you don't get bored of revision, however don't spend too long making posters.

Create a cheat sheet or revision cards. You have many maths tools that you can use so list everything that you can about a topic e.g. triangles could include angles, area, trigonometry, Pythagoras, symmetry, transformations, bearings ……



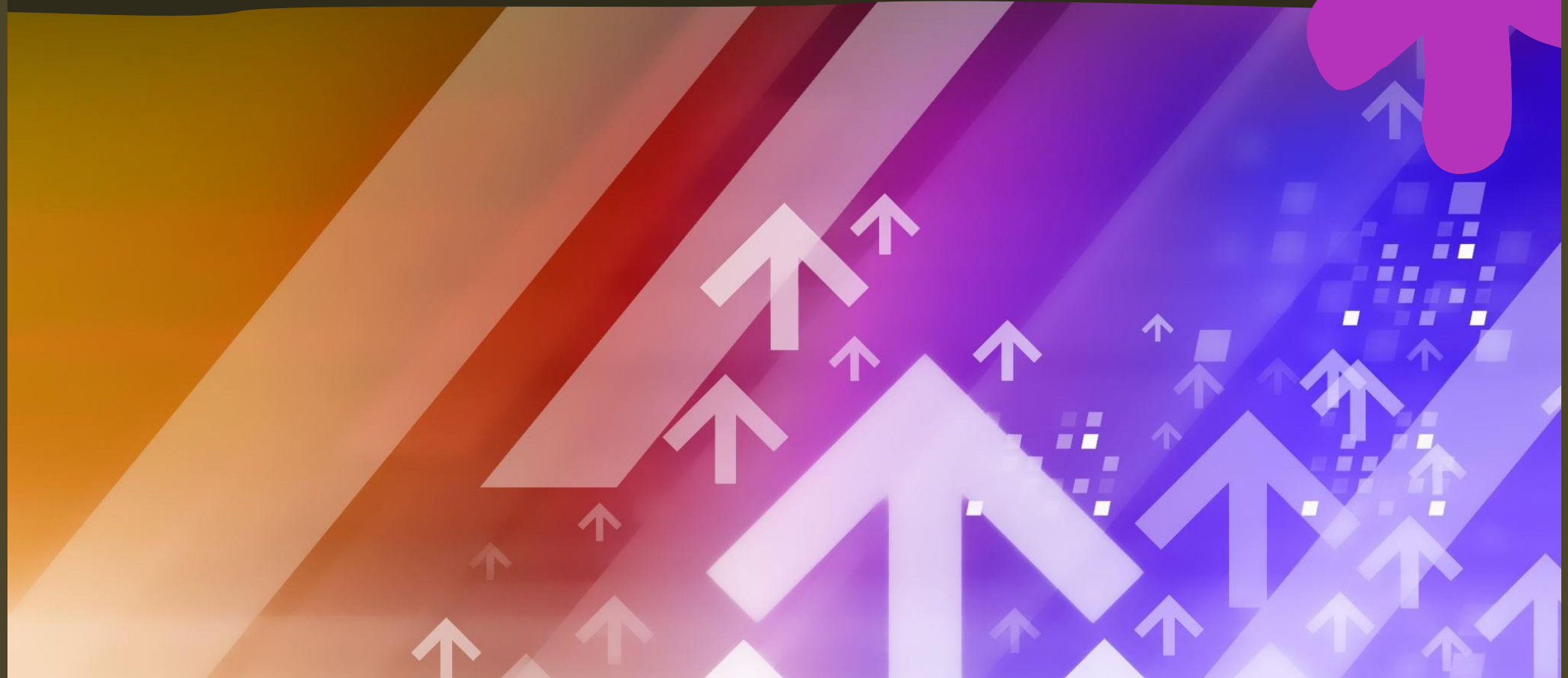






PREPARING FOR YOU SCIENCE GCSE

The best tools and approaches to have maximum impact on progress



UP THE ANTE

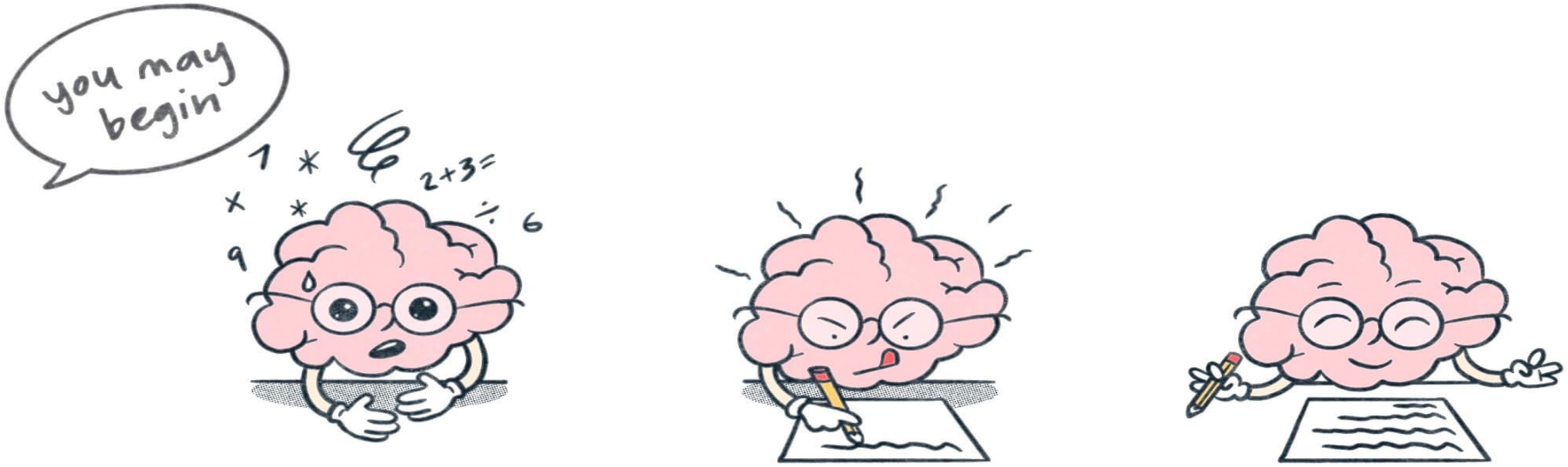
1. Little and often – 15 minutes bursts
2. Start with what you do know
3. Check against what you need to know
4. Revise what you don't yet know
5. Lots of recall practice of what you don't yet know
6. Know what is in each exam
7. Find the tools that work for you
8. Practice skills

Exam paper practice as a starting point for your revision

- Download and print the right paper at school
- Get your equipment ready
- Remove any distractions
- Set a timer for 1h45
- Complete the paper to the best of your ability
- Afterwards mark your paper
- Make a list of topics and content you were not able to answer the questions on
- Use this list to guide your revision

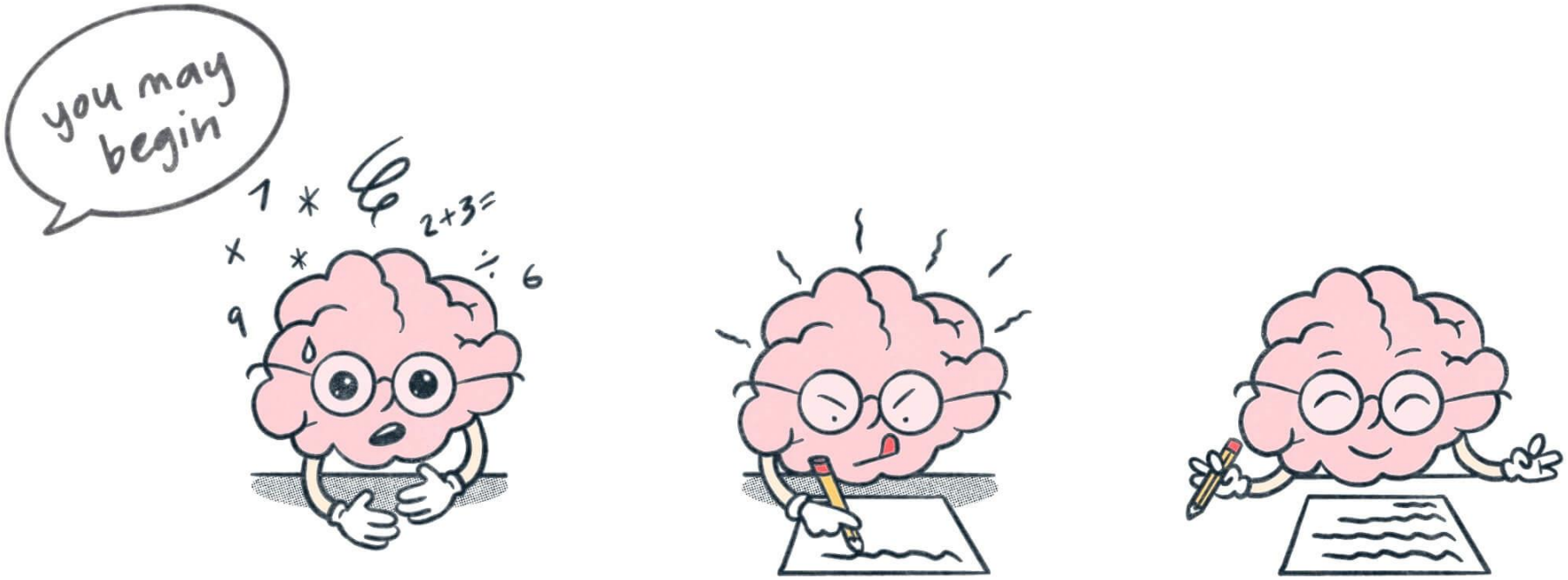
Brain dump - everything I know about....

- Decide on a topic – use BBC bitesize, Save my exams, PMT etc to help you choose something
- Get a blank sheet of paper and a pen
- Remove any distractions
- Set a 10 minute timer
- For the whole 10 minutes write and draw everything you can recall about the topic

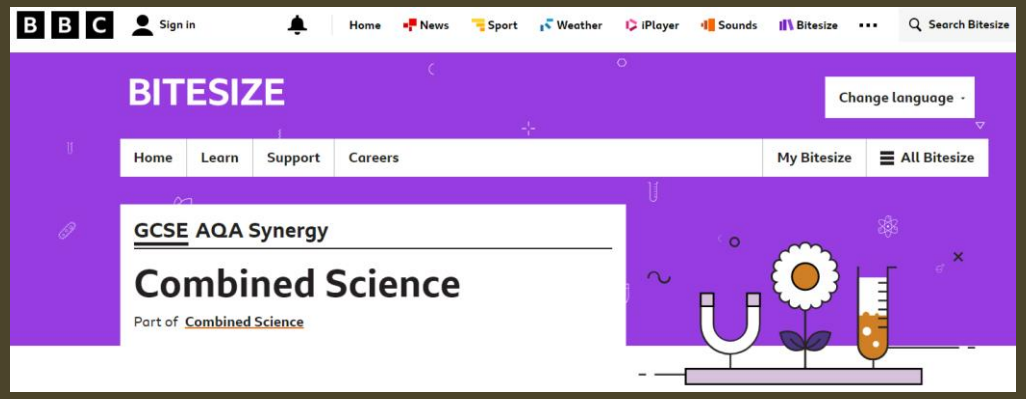


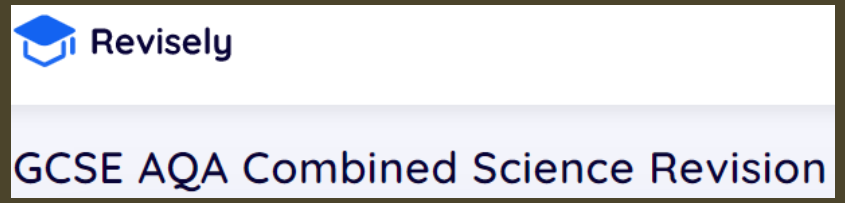
Brain dump - check against what you need to know

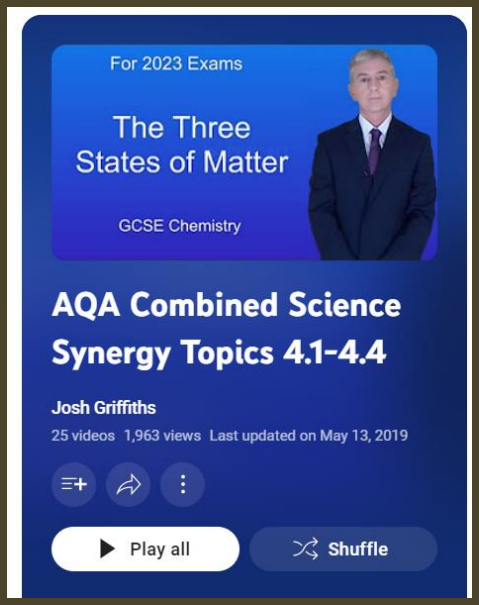
- Go to a revision resource for your chosen topic
- Mark your brain dump and make corrections
- Make a list of anything that is in the revision resource that you didn't write down or draw
- Use a revision app to revise the things you didn't know

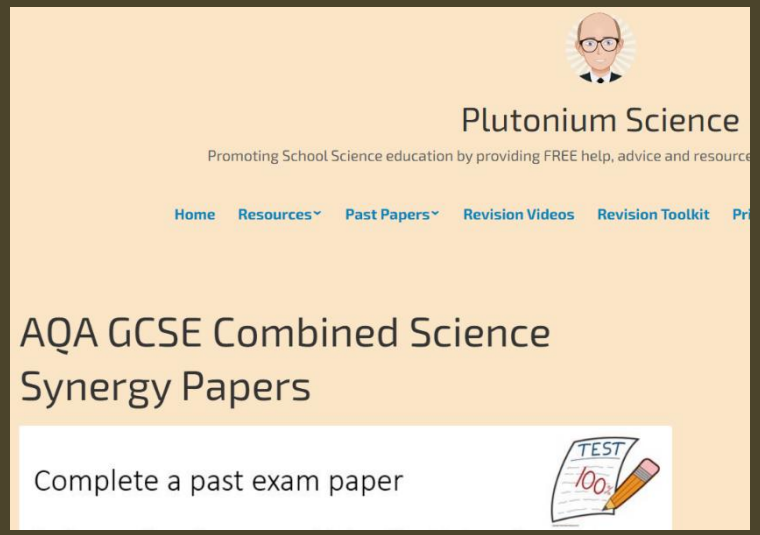


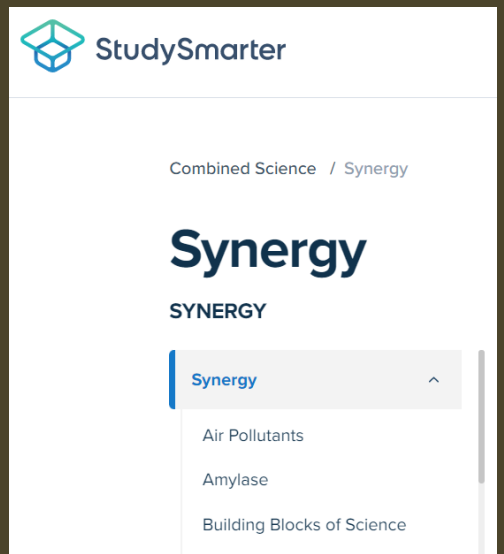
Useful revision resources - links on Microsoft Teams



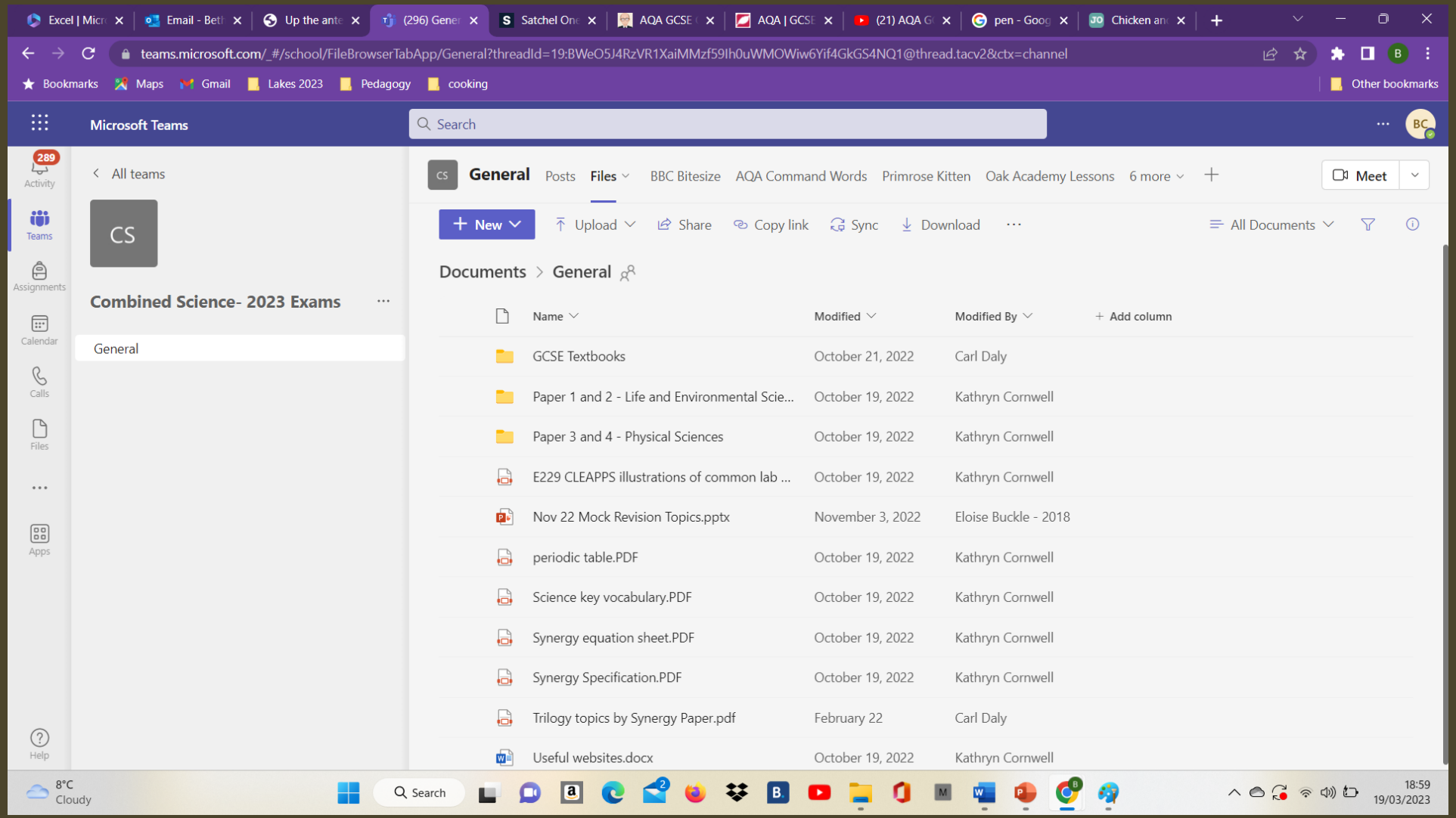




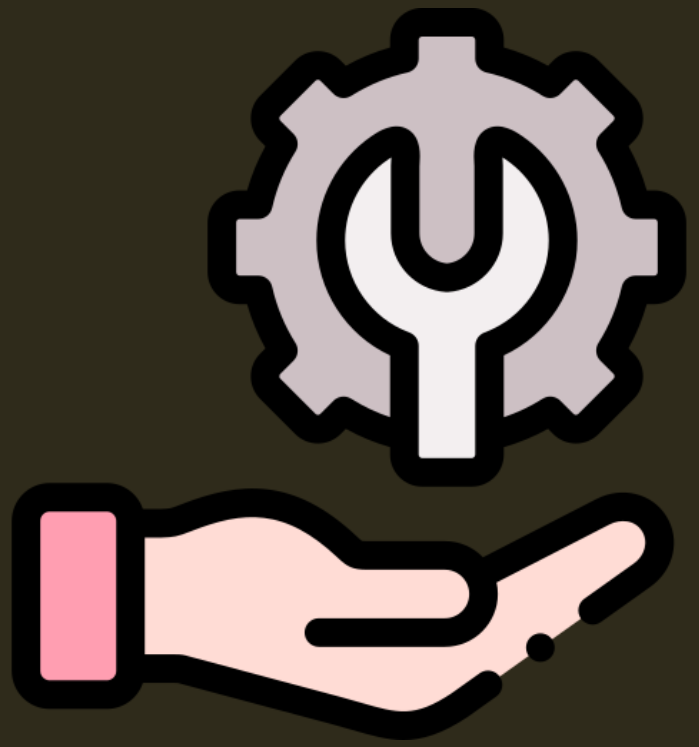




Useful revision resources - files on Microsoft Teams



Support from Science



- **A full range of files and links to online resources on Microsoft teams areas**
- **P7 sessions and Easter booster sessions**
- **Exam wrapper mock analysis to tell you exactly what you need to work on**
- **Structured weekly exam practice HW**
- **Walk through talk through mocks after Easter**
- **Super learning sessions before each exam**

Exams -

Course	Number of Papers	% Each paper is worth	Number of marks for each paper	Length of each paper
Combined Science - Synergy	4	25%	100	1hr 45 mins
Biology	2	50%	100	1hr 45 mins
Chemistry	2	50%	100	1hr 45 mins
Physics	2	50%	100	1hr 45 mins

Exams - Combined Science

Paper	Content	Questions
1 **10th May**	**Life and environmental sciences** Topics 4.1–4.4: Building blocks; Transport over larger distances; Interactions with the environment and Explaining change.	Multiple choice, structured, closed and open short answer questions, with greater emphasis on knowledge and application (AO1 and AO2) than analysis and evaluation (AO3).
2 **22nd May**		Multiple choice, structured, closed and open short answer questions. This paper assesses most of the analysis and evaluation (AO3) skills, and most of the work on the required practical's, for the topics.
3 **7th June**	**Physical sciences** Topics 4.5–4.8: Building blocks for understanding; Interactions over small and large distances; Movement and interactions and Guiding Spaceship Earth towards a sustainable future.	Multiple choice, structured, closed and open short answer questions, with greater emphasis on knowledge and application (AO1 and AO2) than analysis and evaluation (AO3).
4 **11th June**		Multiple choice, structured, closed and open short answer questions. This paper assesses most of the analysis and evaluation (AO3) skills, and most of the work on the required practical's, for the topics.

Exams - Triple Science

Paper	Content	Questions
Biology 1 10th May	Topics 1–4: Cell biology; Organisation; Infection and response; and Bioenergetics.	• Multiple choice, structured, closed short answer and open response.
Biology 2 7th June	Topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.	
Chemistry 1 17th May	Topics 1–5: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry, Chemical changes; and Energy changes.	
Chemistry 2 11th June	Topics 6–10: The rate and extent of chemical change; Organic chemistry; Chemical analysis, Chemistry of the atmosphere; and Using resources.	
Physics 1 22nd May	Topics 1-4: Energy; Electricity; Particle model of matter; and Atomic structure.	
Physics 2 14th June	Topics 5-8: Forces; Waves; Magnetism and electromagnetism; and Space physics. Questions in paper 2 may draw on an understanding of energy changes and transfers due to heating, mechanical and electrical work and the concept of energy conservation from Energy and Electricity.	

Be equipped for your exam