



Welcome to our Year 11 Key to Success Evening

#WeAreAlder

Altruism – Leadership – Diversity – Excellence - Resilience

Aims



- To share with you a timeline for the year.
- To give you hints and tips on how to support your child and share where you and they can access support in school.
- To share with you the examination expectations and official JCQ guidance.
- To share general revision techniques and subject specific information for English, Mathematics and Science.

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Support Available



Class Teachers

Form Tutors

Mrs Robertson – Progress Leader for Year 11 B6

Miss Tunley – Assistant Headteacher – KS4 Standards

SEN Team

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The countdown begins...



130 days

26 weeks

Every day and every lesson
counts!

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Key Dates



- 30th October – Maths Mock
- 31st October - English Language
- 10th October – Reports home
- 16th November– Parents’ Evening 1
- 27th November – French speaking mocks
- 4th December – Art & Photography mocks
- 9th -22nd January – Mocks
- 8th March – Mock results morning
- 11th March – Reports sent home
- 14th March - Parents’ Evening 2
- 22nd April – Art and Photography practical exams
- 9th May to Friday 26th June – Exams (6 weeks)

Why Revise?



Revision is important because it helps you remember facts, figures and topics that you were taught some time ago.

If done correctly revision will increase your confidence and reduce anxiety around exams.



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Strategies for revision

1

Planning &
Organisation



2

Chunking



3

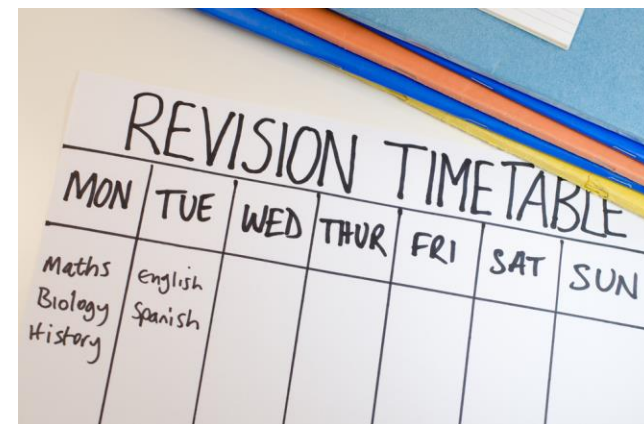
Spacing



1. Planning & Organisation



It is a good idea to create a revision timetable to help you make the most of your time and to ensure you've scheduled time for rest and other activities as well as for homework and revision.

A photograph of a handwritten revision timetable on a piece of paper. The title 'REVISION TIMETABLE' is written in large, bold, black letters at the top. Below the title, the days of the week are listed in columns: MON, TUE, WED, THUR, FRI, SAT, and SUN. The first row under the days lists subjects: 'Maths', 'Biology', and 'History' under MON; 'English' and 'Spanish' under TUE. The rest of the table is empty.

REVISION TIMETABLE						
MON	TUE	WED	THUR	FRI	SAT	SUN
Maths Biology History	English Spanish					

Revision Timetable



WEEKLY REVISION PLANNER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TIME	SATURDAY	SUNDAY
8:30AM - 4PM	SCHOOL	SCHOOL	SCHOOL	SCHOOL	SCHOOL	9AM - 10AM	BREAKFAST / SHOWER	BREAKFAST / SHOWER
4PM - 5PM	HOMEWORK	TV / GAMING / SOCIAL MEDIA	HOMEWORK	TV / GAMING / SOCIAL MEDIA	HOMEWORK	10AM - 11AM	REVISION - ENGLISH	REVISION - SCIENCE
5PM - 6PM	DINNER	DINNER	DINNER	DINNER	DINNER	11AM - 1PM	SEEING FRIENDS / LUNCH	SPORT / LUNCH
6PM - 7PM	REVISION - GEOGRAPHY	HOMEWORK	REVISION - HISTORY	REVISION - FRENCH	REVISION - SCIENCE	1PM - 3PM	REVISION - MATHS	REVISION - FLASH CARDS
7PM - 8PM	REVISION - MATHS	REVISION - ENGLISH	FREE TIME	HOMEWORK	FREE TIME	3PM - 5PM	OUT WITH FAMILY	SPORT / TV / GAMING
8PM - 9PM	FREE TIME / SHOWER	FREE TIME / SHOWER	FREE TIME / SHOWER	FREE TIME / SHOWER	FREE TIME / SHOWER	6PM - 8PM	DINNER / FREE TIME	DINNER / FREE TIME

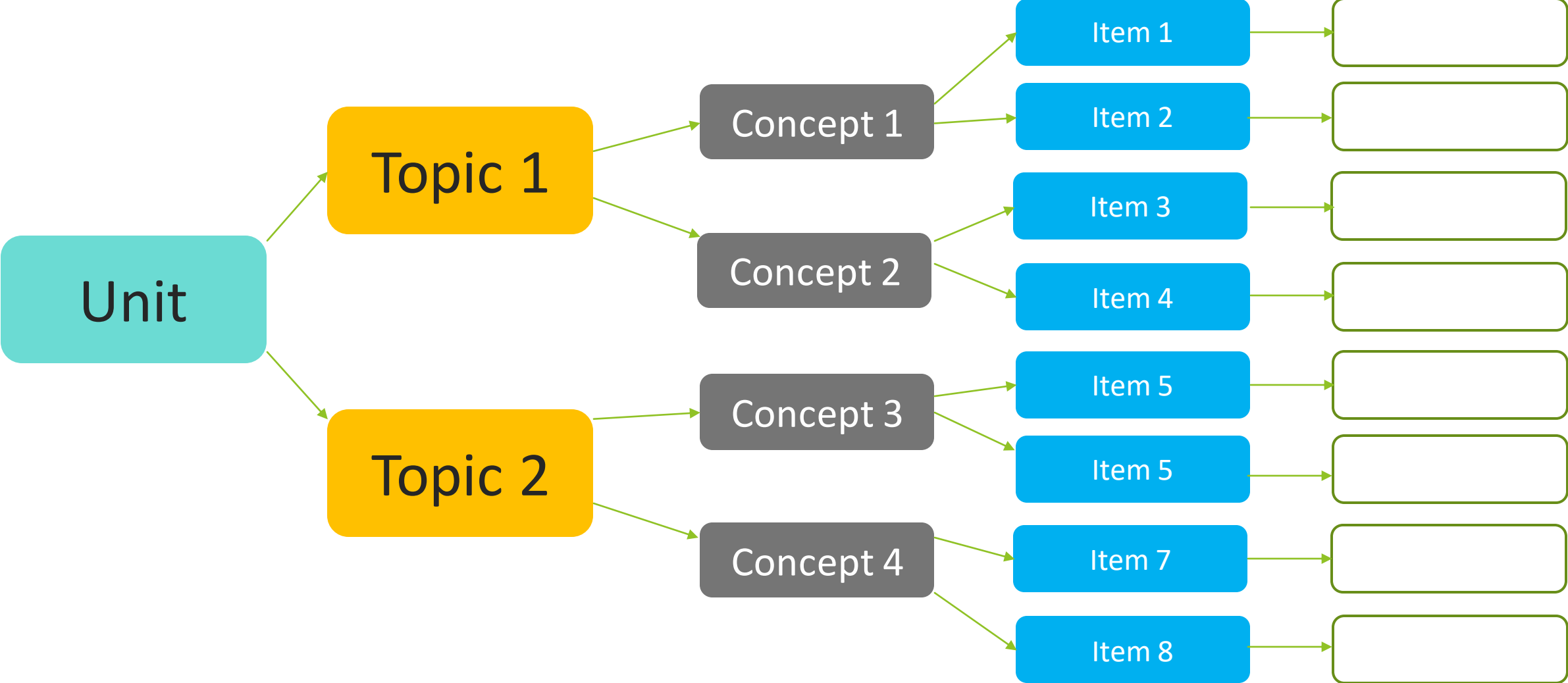
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2. Chunking



- Is technique which can improve your **memory**.
- Chunking is the process of taking individual pieces of information (**chunks**) and **grouping them into larger units**.

Chunking Example



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3. Spacing

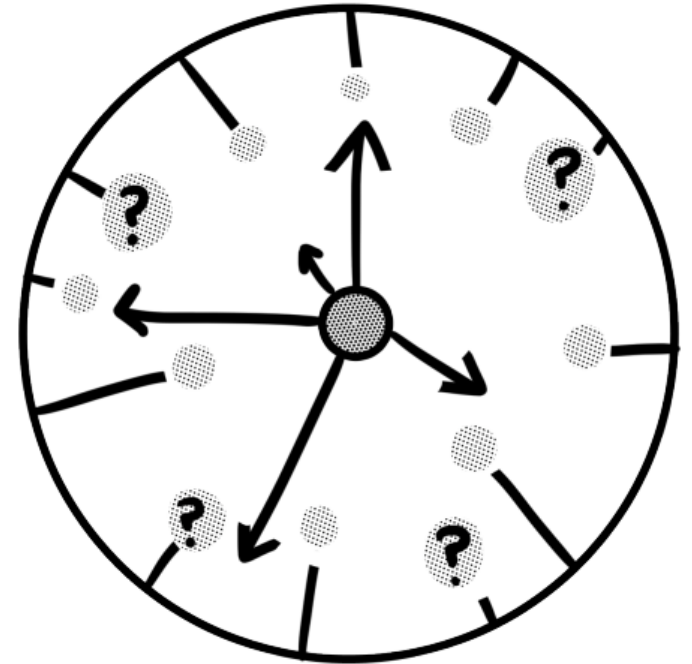


Spacing combines timing and types of revision to encourage the learner to think about what they are reviewing and distributing their efforts over time

Spacing

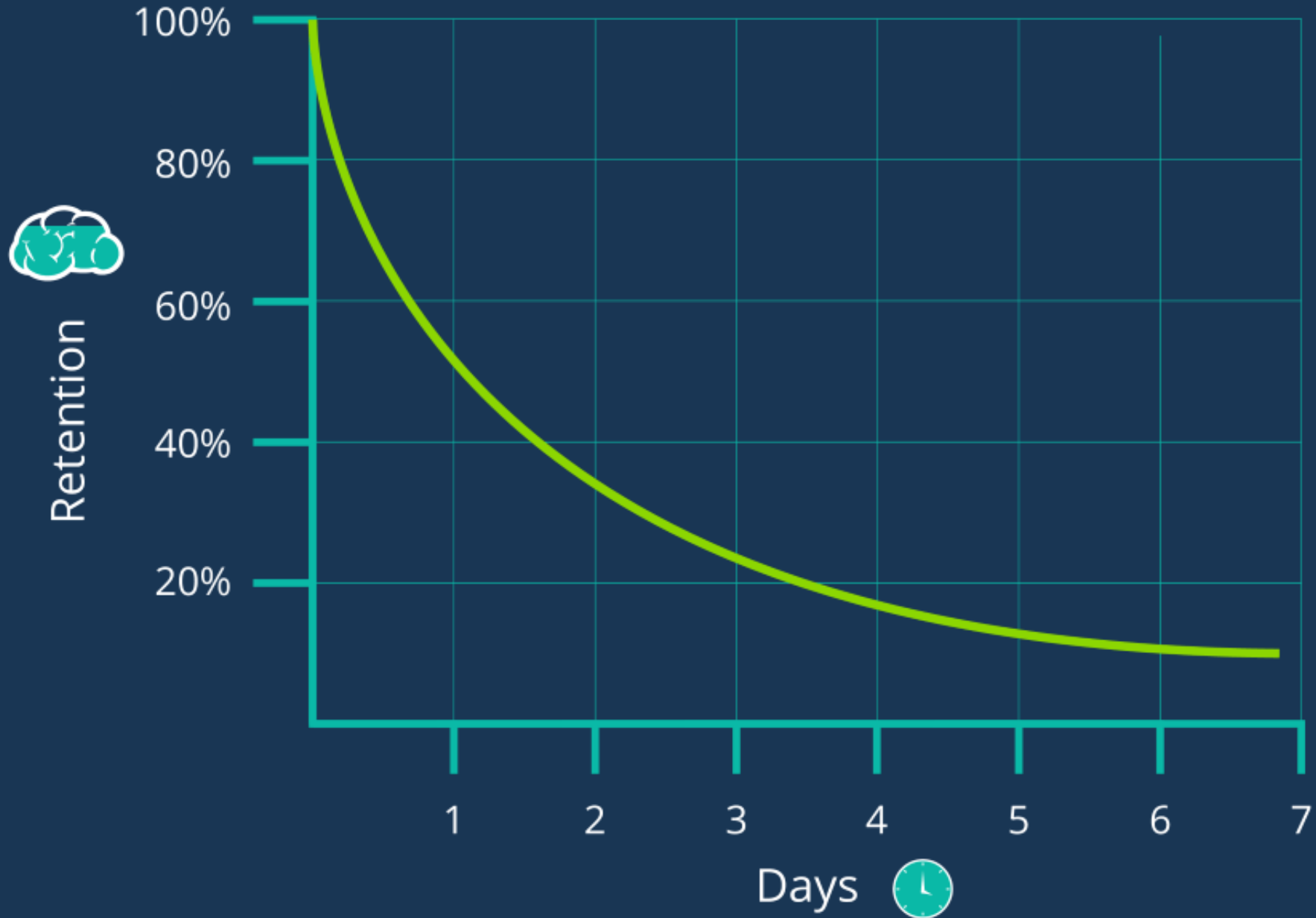


- It allows you time for topics to be forgotten and relearnt.
- It cements information into your long-term memory.

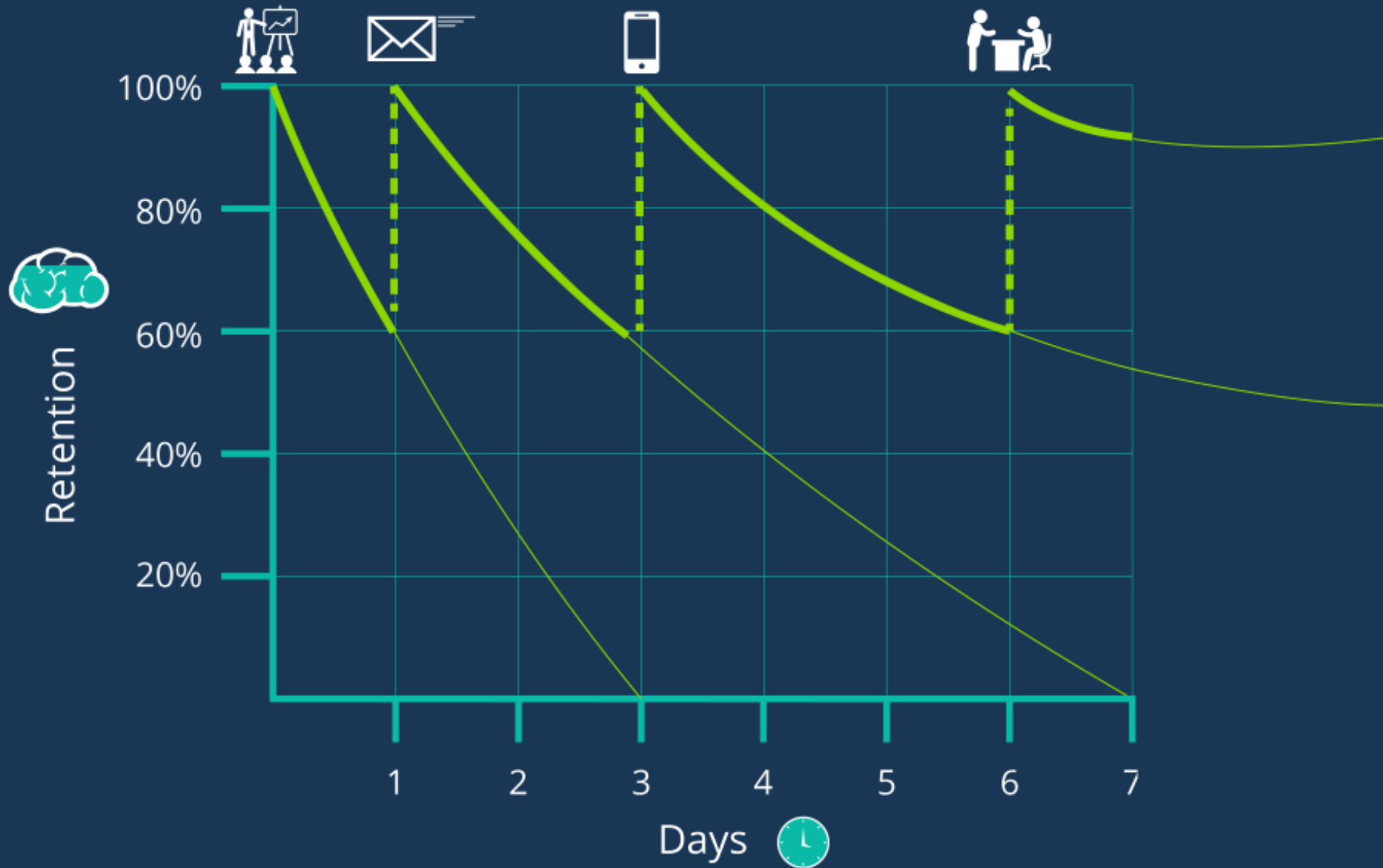


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THE FORGETTING CURVE



COMBATING THE FORGETTING CURVE



Optimum Spacing



Time to the test	Revision Gap
1 Week	1-2 days
1 Month	1 week
3 Months	2 weeks
6 Months	3 weeks
1 Year	1 month

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Example

		Science	RS	English	Maths		
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
30 mins	Reactions of carbonyl compounds	Biblical examples of experiences	Otto's concept of numinous	Jacobean theatre	Esters, triglycerides and fats	William James - experiences	Properties carboxylic acids
30 mins	The late romance plays	General Binomial Expansion	Features of carbonyl compounds	Partial Fractions	Otto's concept of numinous	Partial Fractions	Jacobean theatre
BREAK							
30 mins	Parametric Equations	Act One character and plot	Algorithms	Properties carboxylic acids	features of carbonyl compounds	Theme of Power and control	William James - experiences
30 mins	Properties carboxylic acids	Swinburne credulity & testimony	Theme of Power and control	Act One character and plot	Algorithms	Parametric Equations	General Binomial Expansion
BREAK							
30 mins	Swinburne credulity & testimony	Esters, triglycerides and fats	Parametric Equations	William James - experiences	Biblical examples of experiences	The late romance plays	Esters, triglycerides and fats

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Independent Learning Strategies



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1. Quizzing - Flashcards



- Using flashcards is a repetition strategy.
- They are a simple ‘cue’ on the front and an ‘answer’ on the back.
- Flashcards engage “active recall”.

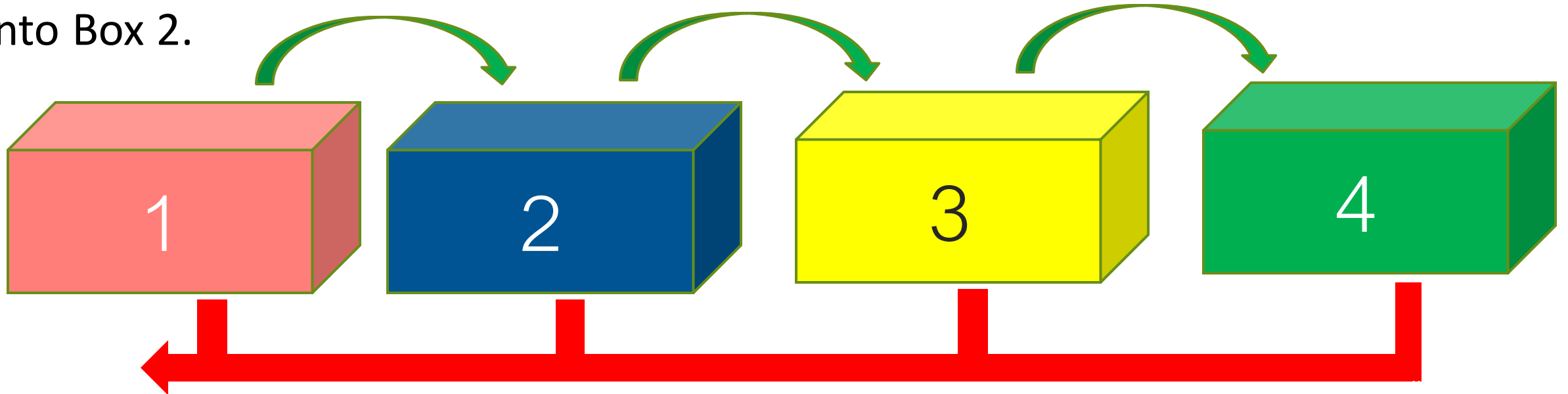
All flash cards start off in Box / Stack 1.

As you review the cards, each card you answer correctly goes into Box 2.

If you get a card wrong in any box, it goes back to Box 1.

When you review cards in Box 2, if you still get it right you move the card to box 3 and so on until all cards are in Box 4.

If you give the wrong answer the card stays in box 1.



2. Quizzing – Mind maps

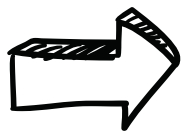


- A visual way to show information
- One mind map per topic
- Details are short and to the point
- Colour and images are important



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1. Start



Use your notes to create a mind map

2. During

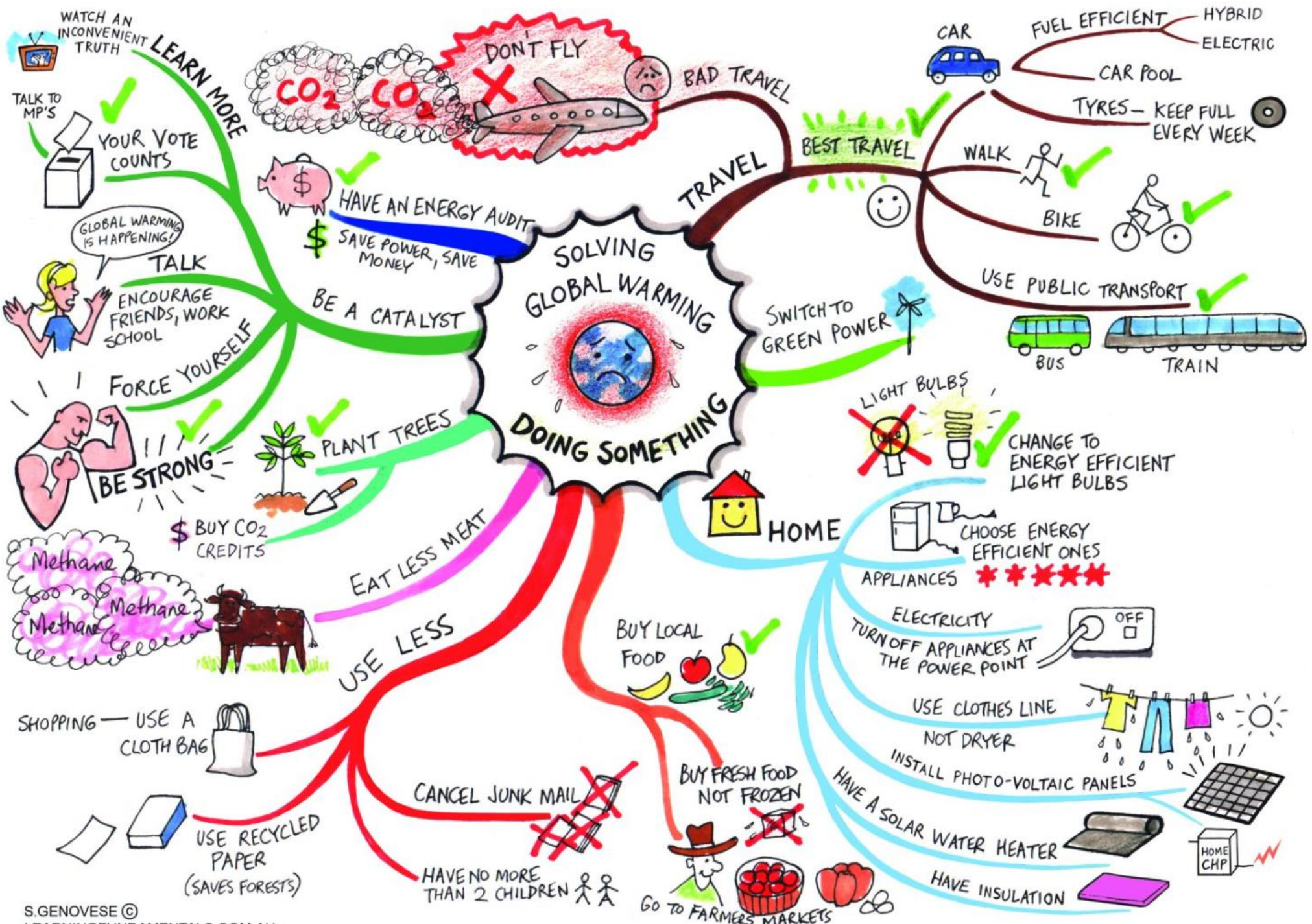


Pin them up so you can see them

3. Test



Draw it from memory



3. Mnemonics



To remember important points.

- B- Blame
- R- Reparations
- A- Army
- T – Territory



To remember the terms of the Treaty of Versailles.

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1. First letter triggers
2. Visual triggers
3. Rhyming triggers

Clavicle _____
Scapula _____
Humerus _____
Radius _____
Ulna _____
Carpals _____
Metacarpals _____
Phalanges _____



“ In fourteen hundred
and ninety-two,
Columbus sailed
the ocean blue. ”



4. Condense it

When reading a detailed piece of information highlight or note key points.

Then condense it down further to 4 or 5 sentences or even trigger words.



Understand it.



Condense it.



Memorise it.



Review it.

GREG'S DAY

1) from my dream



3) No time for homework
→ didn't bother him!

Henry VIII was King of England from 1509 until his death in 1547. Henry is said to have been an attractive, well-built and very athletic man, accomplished at many sports. Later on in life, he had a succession of health problems, partly due to becoming very obese. He is famed for having been married six times. He divorced two of his wives, another two of his wives were beheaded, one wife died and then Henry himself died whilst married to his sixth and final wife. As well as being married six times, Henry is known to have had many affairs. Henry VIII is also famous for his part in the English Reformation - the creation of the Church of England by separation from the Roman Catholic Church. His squabbles with Rome, which were mainly due to the issues surrounding divorce, eventually led to the dissolution of the monasteries and the establishment of himself as the Supreme Head of the Church of England.

- HENRY VIII
1509 — 1547
- 1) — attractive
— well built
— athletic
 > obese! health problems
 - 2) Married 6 times
 D B D D B S
 - 3) English reformation
 — Created Cof E — separated from RC
 - 4) Dissolution of monasteries
 - 5) Henry = Supreme head of Cof E

5. Knowledge Drop



This could be a great task for knowledge recall from a previous lesson or a topic studied some weeks ago.



It could be a spider diagram or a list of important points.

6. Explain and Elaborate



Elaboration leads to greater understanding of content and enables better explanation and evidence.



1. Clarify



What does this mean?

2. Analyse

Why does this matter?



3. Speculate



What would happen if....?

4. Contextualise

How does this relate to.....?



Geography

- Explain the causes of coastal erosion
- Explain how destructive waves erode the coastline.
- Compare erosion to other geographical processes.



Physical education

- What does term cardiovascular mean?
- Why does alcohol increase blood pressure?
- How does this relate to sport?

7. Talk until you stop



Talk about a topic without repetition for 1 minute.

The aim is to verbalise your understanding of a topic and hopefully recall lots of information.

Welcome to Alder Community High School

[LEARN MORE >](#)

SEARCH

SEARCH

TWITTER

Tweets by AlderCHS

LATEST NEWS



Message from the
Headteacher:
Thursday 21st
September 2023

21 September 2023



We Are Alder: 8th
September 2023

8 September 2023



Latest News



Exam Revision



School Uniform and
Equipment



Term Dates



Wellbeing Support



Homework and
Independent Learning

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Good Routines at Home

Find a quiet, tidy room with minimal distractions – your bedroom, library or classroom.

Put your revision timetable, exam timetable and other documents visible on your wall

Make sure you have a drink and snack with you, staying hydrated and full is important



Put your phone in another room, it is too much of a distraction -

Loud music is a distraction, if you must listen, it needs to be low tempo, without lyrics

Have all your revision materials and stationary on your desk ready to go - make it obvious



Examination Information
Mrs Lyne-Bennett
Exams Officer

Publish Start times:
AM sessions are 09:00am
PM sessions are 1.30PM

Exam season 24:
09/5/24-26/6/24

Results day 24:
22/08/24

- ▶ JCQ & awarding bodies
- ▶ Clashes





Once the planning process is complete your child will be given a personalised examination timetable along with their seat number for each exam (if completing exams in the hall).



If your child arrives after published start time they will be refused entry

JCQ Regulations

Students are to arrive at their exam room at least 5 minutes prior to the start time

Students enter the examination room in complete silence and with nothing but equipment

Exam papers must not be opened until they are told to do so by the invigilator/member of staff

The invigilators cannot help students

The invigilators are thoroughly trained

Students are not permitted to leave the exam room for any reason unless AA



JCQ Regulations

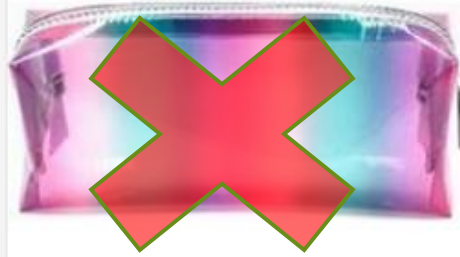
- ▶ If your child misses an examination they will not get a chance to resit or re do it at Alder.
- ▶ If your child is absent
- ▶ Holidays are not considered a serious/genuine reason



£0.60

Tesco Clear Pencil Case Small

Tesco



£3.85

Tesco Clear Ombre Pencil Case

Tesco



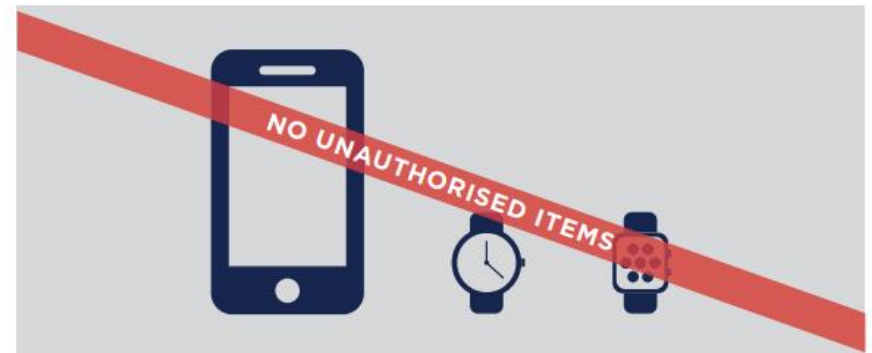
Warning to Candidates

1. You **must** be on time for all your examinations.
2. **Possession of a mobile phone** or other unauthorised material **is not allowed** even if you do not intend to use it. You will be subject to penalty and possible disqualification from the exam/qualification.
3. You **must not** talk to, attempt to communicate with or disturb other candidates once you have entered the examination room.
4. You **must** follow the instructions of the invigilator.
5. You **must not** sit an examination in the name of another candidate.
6. You **must not** become involved in any unfair or dishonest practice in any part of the examination.
7. If you are confused about anything, only speak to an invigilator.

The *Warning to Candidates* must be displayed in a prominent place outside each examination room. This may be a hard copy A3 paper version or an image of the poster projected onto a wall or screen for all candidates to see.

NO MOBILE PHONES NO WATCHES

NO POTENTIAL TECHNOLOGICAL/WEB
ENABLED SOURCES OF INFORMATION



Possession of unauthorised items, such as a mobile phone or any watch, is a serious offence and could result in

DISQUALIFICATION

from your examination and your overall qualification.

This poster must be displayed in a prominent place outside each examination room.

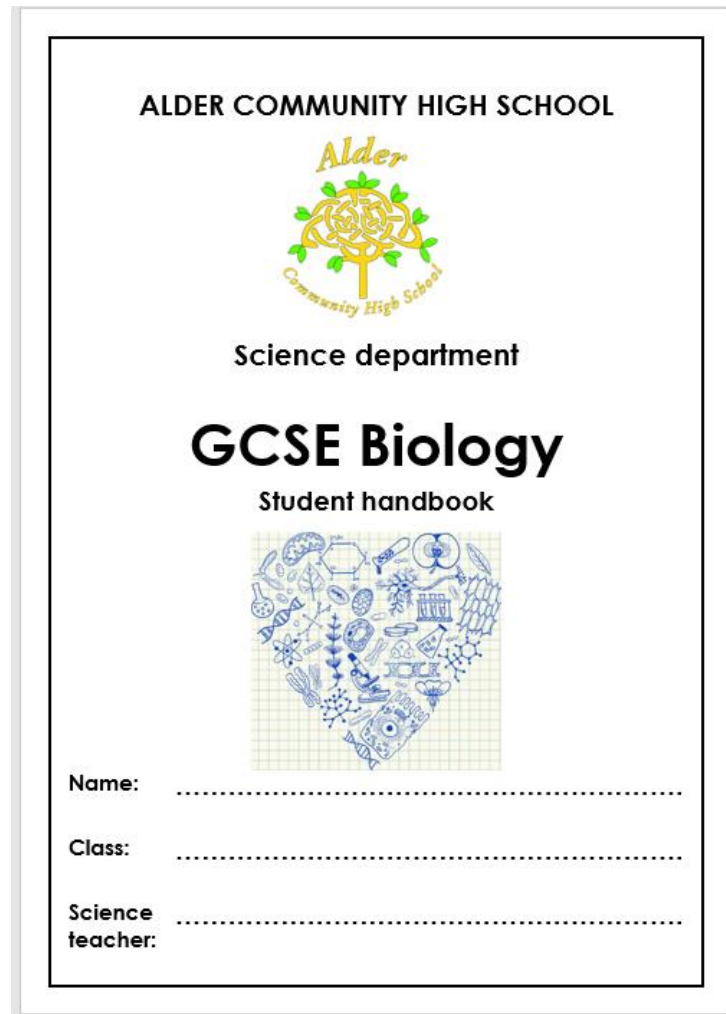
GCSE Revision support in science

Sept 2023



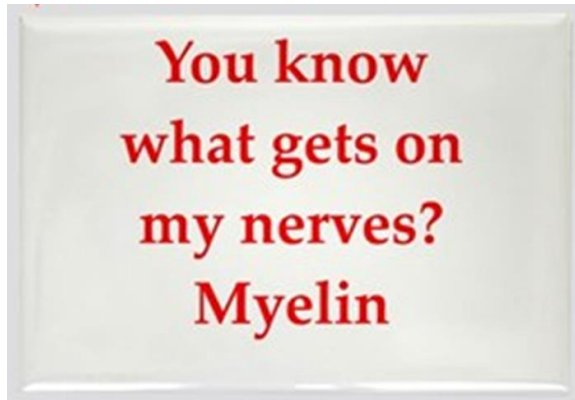
Subject handbooks

- ▶ Qualification structure
- ▶ Exam information
- ▶ Content overview
- ▶ Key 'threads'



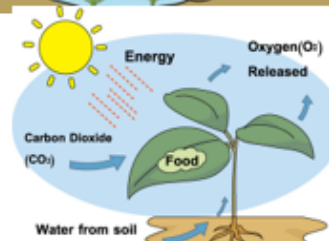
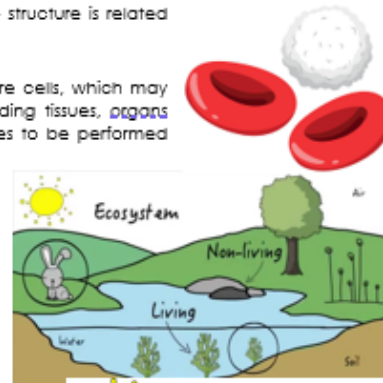
Subject handbooks

► Key 'threads'



KEY ideas specific to Biology:

1. Life processes depend on molecules whose structure is related to their function
2. The fundamental units of living organisms are cells, which may be part of highly adapted structures, including tissues, **organs** and organ systems, enabling living processes to be performed effectively
3. Living organisms may form populations of single species, communities of many species and ecosystems, interacting with each other, with the environment and with humans in many different ways
4. Living organisms are interdependent and show adaptations to their environment
5. Life on Earth is dependent on photosynthesis in which green plants and algae trap light from the Sun to fix carbon dioxide and combine it with hydrogen from water to make organic compounds and oxygen
6. Organic compounds are used as fuels in cellular respiration to allow the other chemical reactions necessary for life
7. The chemicals in ecosystems are continually cycling through the natural world
8. The characteristics of a living organism are influenced by its genome and its interaction with the environment
9. Evolution occurs by a process of natural selection and accounts both for biodiversity and how organisms are all related to varying degrees.



All of these key ideas will be assessed as part of this qualification, through the subject content.



Checklists

Edexcel GCSE (9–1)

Sciences Revision checklist

SC3

SC3 Atomic Structure

SC3a Structure of an atom

Step	Learning outcome	Had a look	Nearly there	Nailed it!
1	Describe how Dalton's ideas about atoms have changed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Describe how the subatomic particles are arranged in an atom.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Explain how atoms of different elements are different.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Recall the charges and relative masses of the three subatomic particles.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Explain why all atoms have no overall charge.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Describe how the size of an atom compares to the size of its nucleus.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SC3b Atomic number and mass number

Step	Learning outcome	Had a look	Nearly there	Nailed it!
1	State where most of the mass of an atom is found.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	State the meaning of atomic number.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	State the meaning of mass number.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Describe how the atoms of different elements vary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	State the number of electrons in an atom from its atomic number.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Calculate the numbers of protons, neutrons and electrons using atomic and mass numbers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SC3c Isotopes

Step	Learning outcome	Had a look	Nearly there	Nailed it!
1	State what is meant by an isotope.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Identify isotopes from information about the structure of atoms.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Calculate the numbers of protons, neutrons and electrons using atomic numbers and mass numbers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Explain why the relative atomic mass of many elements is not a whole number.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Calculate the relative atomic mass of an element from the relative masses and abundances of its isotopes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Useful for students at the beginning of the revision process.
- Available for each unit.



Exam practice presentations

- Exam question and corresponding mark scheme on each slide
- One presentation for every unit

LEARN TO STUDY USING...
Retrieval Practice
PRACTICE BRINGING INFORMATION TO MIND

TRY IT NOW
Close your book, and write down as much as you can from memory.

TOPIC 1: KEY CONCEPTS
IN BIOLOGY (MICROSCOPES)

(c) A plant leaf cell is 0.04 mm long.
Calculate the length of the image after this cell has been magnified 500 times. (2)

length of image = _____ mm

learningscientists.org



Knowledge organisers


- Knowledge organisers available for each unit

CB1 Revision Worksheet

Define the following words:

Magnification	
Resolution	

Using the formula triangle- the size of an organism is 0.003mm and the size of the image is 4.2mm. What magnification was used?



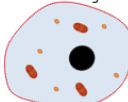

Complete the following:
Total magnification= x

Eyepiece Magnification	Objective Magnification	Overall Magnification
X10	X4	
x15	x400	

Describe three differences between a light microscope and an electron microscope:

.....
.....
.....

Label all the organelles in the animal and plant cells below:

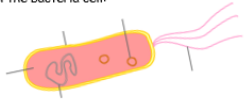
Match up the following organelles to their functions:

Nucleus	Controls what happens in the cell and carries genetic information.
Cytoplasm	Controls what gets in and out of the cell.
Cell Membrane	Jelly like substance where chemical reactions happen.
Ribosome	Where respiration occurs to make energy.
Mitochondria	Where new proteins are made.
Vacuole	Where the cell makes food through photosynthesis.
Chloroplast	Where cell sap is stored
Cell Wall	Gives the cell structure and support.

Draw a specialised cell found in the reproductive or digestive system.

Function:
Adaptations:

Label the bacteria cell:



State the function of the following components:
Chromosomal DNA-
Plasmid DNA-
Flagella-

Tick or cross which features are found in which types of cell:

Feature	Animal Cell	Plant Cell	Bacterial Cell
Cell Membrane			
Nucleus			
Plasmids			
Chloroplasts			
Cell Wall			
Cytoplasm			

Define the following words:

Eukaryotic	
Prokaryotic	

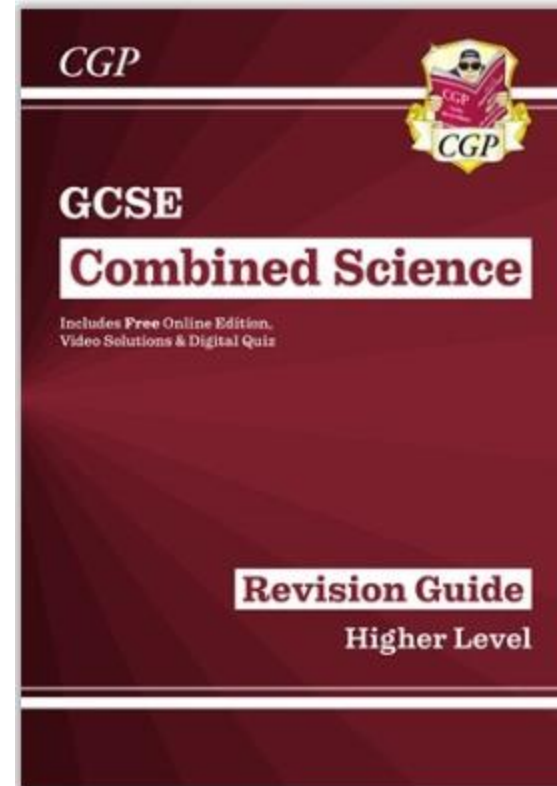
Explain what an enzyme is and what they do:

.....
.....
.....



Revision guides

- CGP revision guide packages are available for all Year 11 students to purchase via ParentPay
- All packs come with a revision guide, a question book and an answer booklet



Suggested websites

- GCSE - BBC Bitesize
 - The BBC Bitesize website offers revision summaries, quizzes and exam-style questions.
- Free Homework & Revision for A Level, GCSE, KS3 & KS2 (senecalearning.com)
 - Seneca Learning is a free homework and revision resource for students. Teachers can provide a log in code so students can complete specific tasks at home, or students can access the website independently for their own revision.
- eBook Revision | Pearson Revise | Pearson UK
 - Pearson now offer an e-book as an alternative to buying individual revision guides. Parents can pay a small monthly subscription which gives students access to all the revision guides they need in one place.
- Primrose Kitten - YouTube
 - Chemistry and physics revision videos.

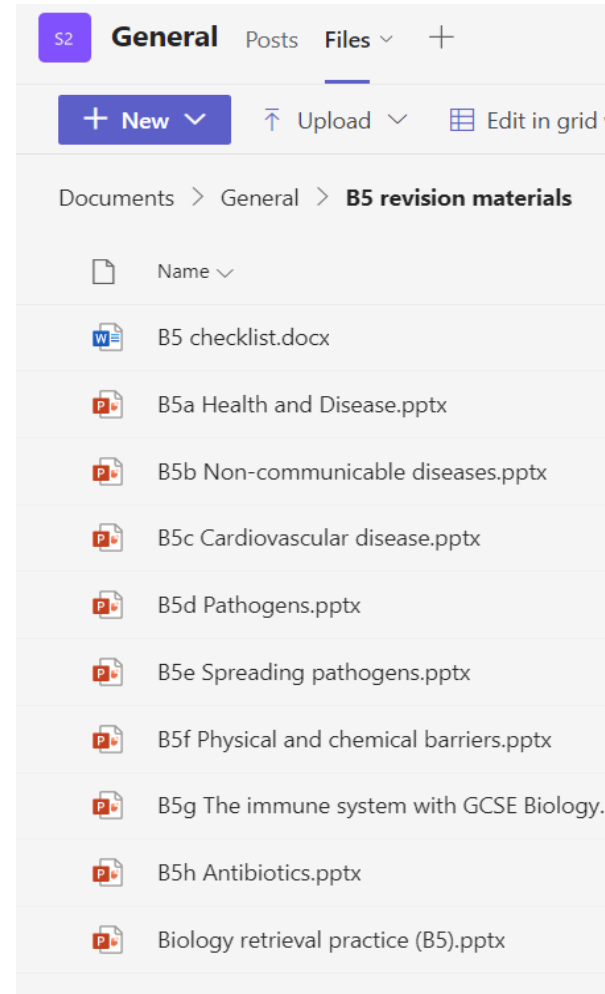


Support in lessons

Students are expected to revise as homework for each GCSE end of unit assessment.

All science teachers upload revision checklists, summary presentations and exam questions to Microsoft Teams for each class throughout each year, updating the information available at the end of every unit. All students have a log in for this.

They will always have homework to complete!



GCSE REVISION SUPPORT IN ENGLISH

Miss Lang, Curriculum Lead of English

GCSE English: The Exams

Mock exam – Tuesday 31st
October, 8:30am



ENGLISH LITERATURE

Paper 1: Shakespeare and the 19th-century novel

- Section A: Shakespeare – Romeo and Juliet
- Section B: The 19th Century Novel- Frankenstein

Paper 2: Modern Texts and Poetry

- Section A: Modern Texts- An Inspector Calls
- Section B: Poetry – Power and Conflict
- Section C: Unseen Poetry

ENGLISH LANGUAGE

Paper 1: Explorations in creative reading and writing

- Reading (25%)- one single unseen text
- Writing (25%)- writing to describe or narrate

Paper 2: Writers' viewpoints and perspectives

- Reading (25%)- two linked unseen texts
- Writing (25%) - writing to show viewpoint





GCSE English: The Curriculum

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
English Language Paper 1	An Inspector Calls Poetry	Romeo and Juliet Frankenstein	English Language Paper 2	Countdown

Where can students find resources?

Our Google Drive – students can find the link on the school website

A screenshot of a Google Drive interface. The browser address bar shows the URL: https://drive.google.com/drive/folders/1IVn7YaFLGOLj41Z7JF61iTISZta9zsZx. The Drive logo is in the top left. A search bar contains the text "Search in Drive". The breadcrumb path is "My Drive > English GCSE Revision Folder". Under the heading "Folders", there are three folder icons with the following names: "English Language Revision", "English Literature Revision", and "Grade 8 and 9 booklets". The left sidebar shows navigation options: "New", "My Drive", "Computers", "Shared with me", "Recent", and "Starred".

← → ↻ <https://drive.google.com/drive/folders/1IVn7YaFLGOLj41Z7JF61iTISZta9zsZx>

Drive

🔍 Search in Drive

My Drive > English GCSE Revision Folder

Folders Name ↑


- English Language Revision
- English Literature Revision
- Grade 8 and 9 booklets

New

- ▶ My Drive
- ▶ Computers
- Shared with me
- Recent
- Starred
-

English GCSE Revision ... > English Language Revis...

Name ↑

 Paper 1 Paper 2... > English Language Revis... > Paper 1 ▾ 

Type ▾

People ▾


Modified ▾

Name ↑

Owner


Last modified ▾

File size

 Reading (Q1-4) me



13 Oct 2022

—

 Writing (Q5) me



13 Oct 2022

—

 English Language Paper 1 Summary.docx  me

22 Jun 2018

20 KB

 Lang Paper 1 grade 7,8,9.pdf  me

7 Feb 2020

1.7 MB



Key Documents

English Language Summary

ENGLISH LANGUAGE PAPER 1 (Reading and Writing Creatively)



For this exam, you will be given one unseen extract from a fiction text. Read the whole extract before attempting to answer the questions.

Question 1 – Listing

List four things you learn about the boy (4 marks)

- Spend 5 minutes on this question.
- Remember to read the question carefully and use different examples.

Question 2 – Language

How has the writer used language to describe the boy?

- Spend 10 minutes on this question.
- Look for any PLASMA SCREENING techniques (nouns) or effective vocabulary (from a poem) or effective PEEs.
- Aim to write 3 PEEs.
- Use 'This is effective because...' 'The writer is trying to...'

Paper 1: Reading Skills

This extract is taken from Chapter 2 of a novel called 'A Handmaid's Tale' by Margaret Atwood. The story takes place in a location called Gilead where fertile women are used as breeding slaves for important families. In this chapter, the protagonist Offred describes the home she is being forced to stay in.

Question 3) Structure

How has the writer structured the text to interest you as a reader?

Make notes on what the writer focuses our attention on at the beginning, an important shift in the middle, and the ending.

Find a quote that shows this.

Explore the quotes in the space below – what is the focus, why is it interesting/effective, why the writer does this, what the mood or atmosphere is

Beginning

Important shift in focus

Ending

Question 1) Listing

List 4 things you learn about the room in the first paragraph.

- 1) _____
- 2) _____
- 3) _____
- 4) _____

Top tip - use a different coloured pen or highlighter when finding quotes for each question!

A chair, a table, a lamp. Above, on the white ceiling, a relief ornament in the shape of a wreath, and in the centre of it, a blank space, plastered over, like the place in a face where the eye has been taken out. There must have been a chandelier, once. They've removed anything you could tie a rope to.

A window, two white curtains. Under the window, a window seat with a little cushion. When the window is partly open – it only opens partly – the air can come in and make the curtains move. I can sit in the chair, or on the window seat, hands folded, and watch this. There's a rug on the floor, oval, of braided rags. This is the kind of touch they like: folk art, archaic, made by women, in their spare time, from things that have no further use. A return to traditional values. Waste not want not. I am not being wasted. Why do I want?

On the wall above the chair, a picture, framed but with no glass, of flowers, blue irises, watercolour. Flowers are still allowed of us have the same print, the same chair, the same white ceiling, wonder? Government issue?

Think of it as being in the army, said Aunt Lydia.
A bed. Single, mattress medium-hard, covered with a flat spread. Nothing takes place in the bed but sleep; or no sleep, think too much. Like other things now, thought must be rationed. I intend to last. I know why there is no glass, in front of the picture of blue irises, and why the window only opens partly; glass in it is shatterproof. It isn't running away they're afraid wouldn't get far. It's those other escapes, the ones you can't see, yourself, given a cutting edge.

Question 2) Language

In the first two paragraphs, how does the writer use language to present a controlled setting?

Find and highlight three quotes.

Explore the quotes in the space below – what technique/word type, what impression is created, connotations of words

Question 4) Evaluation

English Language Paper 1 Grade 7, 8, 9



What do Grades 7, 8 & 9 look like?

GCSE grades are not strictly aligned to marks and levels, but getting to grades 7, 8 and 9 will require students to exhibit skills in reading and writing that consistently achieves level 4 in the mark scheme.

The key words for level 4 in reading are 'perceptive' and 'detailed'.

A **perceptive** response would be developed, insightful, exploratory, conceptual, abstract, contextualised, profound and penetrating.

On a practical level, it would offer a level of **detail** that moves beyond clear through its ability to, for example, offer a developed response which may explore different facets of the ideas/words/phrases used by a writer.

For the longer questions, there would be evidence of **higher order thinking** when it comes to evaluation and comparison. For question 4 on paper 1, for example, a student's response will move beyond the formulaic and offer alternative viewpoints which consider aspects of the text that might be surprisingly nuanced and subtle.

- Exam Paper Summaries
- Example exam questions
- Grade 8/9 booklets

Websites and YouTube Channels



- Mr Bruff YouTube channel
- BBC Bitesize
- CGP revision guide packages are available for all Year 11 students to purchase via ParentPay
- All packs come with a revision guide, a question book and an answer booklet

A collage of educational resources. On the left, two YouTube video thumbnails for Mr Bruff's analysis of 'The Emigree' (13:22) and 'War Photographer' (19:14). On the right, a screenshot of the BBC Bitesize website showing the 'An Inspector Calls' page, which includes a plot summary and links to revision and video content. At the bottom, a cover of the CGP 'GCSE AQA English Language Complete Revision & Practice' book is shown.

Qualification Overview

Assessment Overview

Higher tier, grades 9 to 4

- Paper 1 (Higher tier)
1MA1/1H

- Paper 2 (Higher Tier)
1MA1/2H

- Paper 3 (Higher Tier)
1MA1/3H

Written paper
80 marks
1 hour 30 minutes
Calculator **not** permitted

33 $\frac{1}{3}$ %
of total
GCSE

Written paper
80 marks
1 hour 30 minutes
Calculator permitted

33 $\frac{1}{3}$ %
of total
GCSE

Written paper
80 marks
1 hour 30 minutes
Calculator permitted

33 $\frac{1}{3}$ %
of total
GCSE

Assessment

Overview		
Tier	Topic	Weighting
Higher	Number	12 - 18%
	Algebra	27 - 33%
	Ratio, Proportion and Rates of change	17 - 23%
	Geometry and Measures	17 - 23%
	Statistics & Probability	12 - 18%

Qualification Overview

Assessment Overview

Foundation tier, grades 5 to 1

- Paper 1 (Foundation tier)
J560/01

- Paper 2 (Foundation tier)
J560/02

- Paper 3 (Foundation tier)
J560/03

Written paper
100 marks
1 hour 30 minutes
Calculator permitted

33 $\frac{1}{3}$ %
of total
GCSE

Written paper
100 marks
1 hour 30 minutes
Calculator **not** permitted

33 $\frac{1}{3}$ %
of total
GCSE

Written paper
100 marks
1 hour 30 minutes
Calculator permitted

33 $\frac{1}{3}$ %
of total
GCSE

Assessment


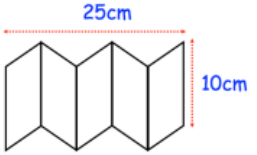
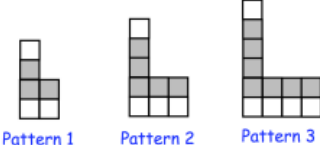
Overview		
Tier	Topic	Weighting
Foundation	Number	22 - 28%
	Algebra	17 - 23%
	Ratio, Proportion and Rates of change	22 - 28%
	Geometry and Measures	12 - 18%
	Statistics & Probability	12 - 18%

How to revise for Maths GCSE

1. Don't just read through the revision guide!

Top Revision Tips from Corbettmaths

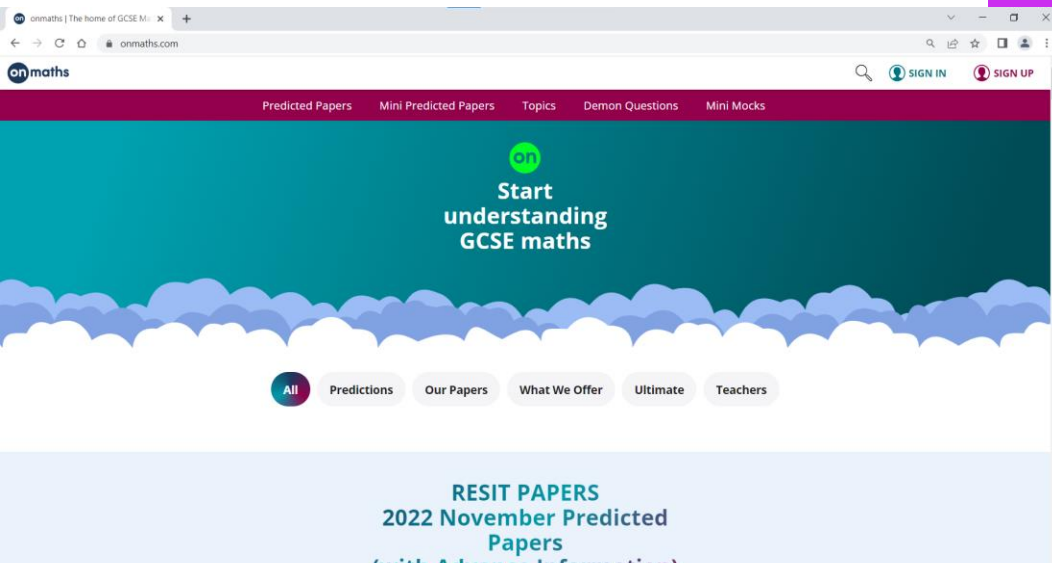
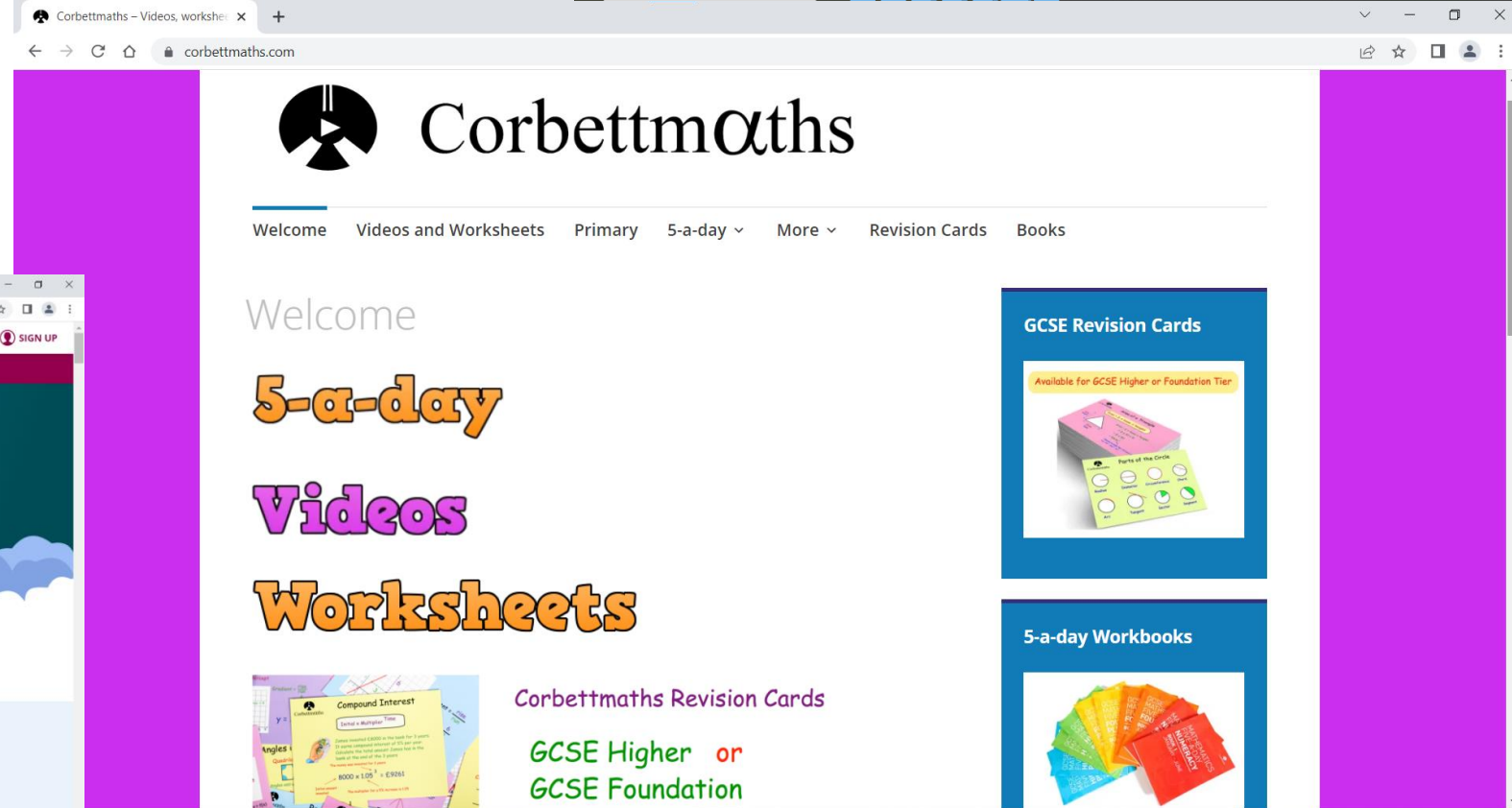
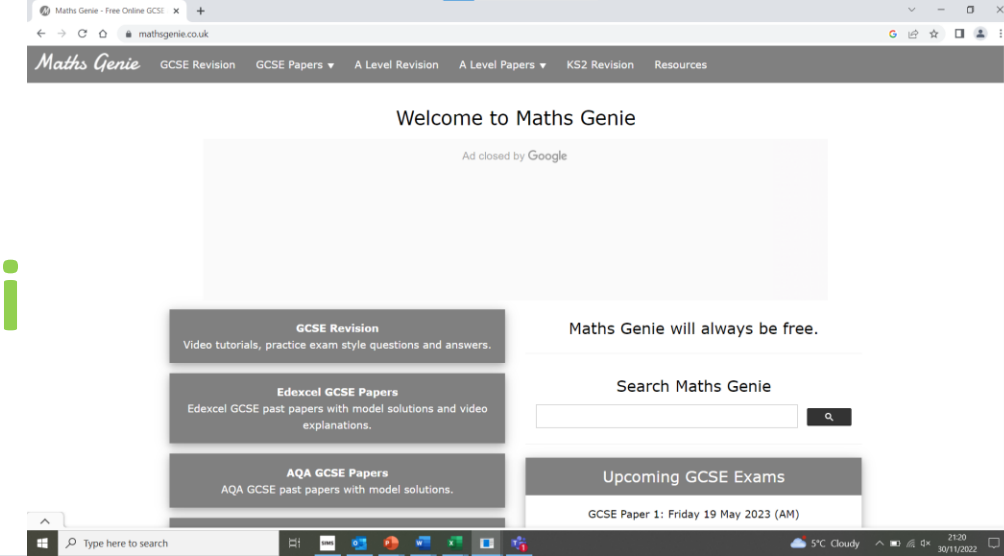
1) Start early using a “little and often” approach... perhaps using the [5-a-day](#). It is so important that you regularly practise the material you have learnt in lessons. The only way to remember what you learnt yesterday/last week/last month/last year is to regularly try questions on those topics. The [5-a-day](#) give you a chance to do that. If you find a topic you can't remember how to do a question on, watch the video on it to give yourself a reminder... if you're in doubt over what topic it is, just tweet me @Corbettmaths and ask.

1st December		Foundation Plus 5-a-day		
Calculate an estimate of the mean mass.	Mass, m kg	Frequency	Corbettmaths	
	$0 \leq m < 1$	6		
	$1 \leq m < 2$	8		
	$2 \leq m < 3$	17		
	$3 \leq m < 4$	17		
$4 \leq m < 5$	2			
Find the lowest common multiple (LCM) of 15, 20 and 24.				
		The diagram shows a logo that is made up of 5 identical parallelograms. Find the area of the logo.		
Which statements below are true?				
A Pattern 10 has 11 white squares				
B The number of grey squares is always odd				
C Every pattern has more grey squares than white squares				
D Pattern 5 has 11 grey squares				

How to revise for Maths GCSE

1. Don't just read through the revisi

2. Use the internet.





GCSE Higher Tier Checklist

- Angles in Parallel Lines - Video 25, 39
- Bearings - Video 26, 27
- Angles in Polygons - Video 32
- Constructions - Video 78, 72, 79, 80, 70
- Loci - Videos 75, 76, 77
- Area of a Trapezium - Video 48
- Circumference - Video 60
- Area of a Circle - Video 40
- Arc Length - Video 58
- Area of a Sector - Video 48
- Volume of a Cylinder - Video 357
- Pythagoras - Video 257, 259
- Trigonometry - Videos 329, 330, 331
- 3D Trig and Pythagoras - Videos 259, 332
- Exact Trig Values - Video 341
- Volume of a Prism - Video 356
- Volume of Cone/Pyramid/Sphere - Videos 359-361
- Surface Area of a Prism - Video 311
- Surface Area of Cone/Sphere - Videos 314, 313
- Translations - Video 325
- Reflections - Video 272
- Rotations - Video 275
- Enlargements - Videos 104, 106, 107, 108
- Similar Shapes - Videos 292, 293a, 293b
- Circle Theorems - Videos 64, 65
- Sine Rule - Video 333
- Cosine Rule - Videos 335, 336
- 1/2abSinC - Video 337
- Vectors - Video 353
- Travel Graphs - Video 171
- Speed, Distance, Time - Video 299
- Density - Video 384
- Pressure - Video 385
- Geometric Proof - Video 366

- Frequency Trees - Video 376
- Two-way Tables - Video 319
- Pie Charts - Videos 163, 164
- Scatter Graphs - Videos 165, 166
- Histograms - Video
- Frequency Polygon
- Stem-and-leaf - V
- Cumulative Freque
- Box Plots - Video :
- Estimated Mean -
- Tree Diagrams - V
- Angles in Polygons - Video 32
- Bearings - Videos 26, 27
- Perimeter - Video 241
- Area of Rectangles/Triangles - Videos 45, 49
- Area of a Trapezium - Video 48
- Units - Videos 347, 349
- Line Symmetry - Video 316
- Rotational Symmetry - Video 317
- Constructions - Videos 72, 78, 83
- Loci - Videos 75, 76, 77
- Faces, Edges, Vertices - Videos 5, 3
- Views and Elevations - Video 354
- Surface Area - Video 310
- Speed, Distance, Time - Video 299
- Density - Video 384
- Pressure - Video 385
- Timetables - Video 320
- Distance Charts - Video 318
- Volume of a Cuboid - Video 355
- Volume of a Prism - Video 356
- Translations - Video 325, 326
- Reflections - Videos 272, 273
- Rotations - Video 275
- Enlargements - Videos 104, 105, 107
- Parts of the Circle - Video 61
- Circumference - Video 60
- Area of a Circle - Video 59
- Volume of a Cylinder - Video 357
- Pythagoras - Video 257
- Trigonometry - Videos 329, 330, 331
- Exact Trig Values - Video 341
- Arc Length - Video 58
- Area of a Sector - Video 46
- Similar Shapes (sides) - Video 292
- Congruent Shapes - Video 67

- Equation of a Circle
- Equation of a tangen
- Instantaneous rates
- Average rates of ch
- Area under a curve -
- Composite Functions
- Inverse Functions -
- Quadratic Graphs -
- Trigonometric Graph
- Reciprocal Graphs -
- Exponential Graphs -
- Algebraic Proof - Vic
- Quadratic Formula -
- Completing the Squa
- Transformations of f
- Iteration - Video 37

- Adding Fractions - Video 133
- Multiplying Fractions - Video 142
- Dividing Fractions - Video 134
- Estimation - Video 215
- Best Buys - Video 210
- Currency - Video 214a
- Conversion Graphs - Video 151, 152
- Product of Primes - Videos 223, 224
- Indices - Videos 172, 174
- Indices (fractional/negative) - Videos 173, 175
- Standard Form - Videos 300, 301, 302, 303
- Percentages of Amounts - Videos 234, 235
- Percentage change - Video 233
- Compound Interest - Video 236
- Reverse Percentages - Video 240
- Recurring Decimals to Fractions - Video 96
- Ratio - Videos 270, 271
- Direct Proportion - Video 254
- Inverse Proportion - Video 255
- Limits of Accuracy - Videos 183, 184
- Surds - Videos 305, 306, 307, 308
- Product Rule for Counting - Video 383
- Error Intervals - Video 377
- Collecting Like Terms - Video 9
- Expanding a Bracket - Video 13
- Expanding 2/3 Brackets - Videos 14, 15
- Factorising - Video 117
- Factorising Quadratics - Videos 118, 119, 120
- Algebraic Fractions - Videos 21, 22, 23, 24
- Sequences (nth term) - Videos 288, 289
- nth term (quadratics) - Video 388
- Substitution - Video 20
- Equations - Videos 110, 113, 114, 115
- Changing the Subject - Videos 7, 8
- Inequalities - Videos 177, 178, 179
- Inequalities (Regions) - Video 182
- Quadratic Inequalities - Video 378
- Linear Graphs - Videos 191, 186, 189, 194
- Parallel or Perpendicular Lines - Videos 196, 197
- Simultaneous Equations - Video 295/298

GCSE Foundation Tier Checklist

- Multiplication - Video 199, 200
- Division - Video 98
- Addition - Video 6
- Subtraction - Video 304
- Rounding - Video 276, 277a, 277b, 278
- Estimation - Video 215
- BODMAS - Video 211
- Ordering Decimals - Video 95
- Arithmetic with Decimals - Videos 90, 91, 92, 93, 94
- Multiples and Factors - Videos 220, 216
- Prime Numbers - Video 225
- Square Numbers and Square Roots - Videos 226, 228
- Cube Numbers and Cube Roots - Videos 212, 214
- Product of Primes - Video 223
- LCM/HCF - Videos 218, 219, 224
- Indices - Videos 172, 174
- Negative Indices - Video 175
- Standard Form - Video 300, 302, 303
- Fractions of Amounts - Video 137
- Adding Fractions - Video 133
- Multiplying Fractions - Video 142
- Dividing Fractions - Video 134
- Fractions, Decimals, Percentages - Videos 121 to 129
- Percentages of Amounts - Videos 234, 235
- Compound Interest - Video 236
- Reverse Percentages - Video 240
- Ratio - Videos 269, 270, 271
- Currency - Video 214a
- Recipes - Video 256

- Volume of a Sphere/Cone - Videos 359, 361
- Surface area of Sphere/Cone - Videos 313, 314
- Vectors - 353a

- Frequency Trees - Video 376
- Two-way Tables - Video 319
- Pictograms - Videos 161, 162
- Bar Charts - Videos 147, 148
- Frequency Polygons - Videos 155, 156
- Line Graphs - Video 160
- Pie Charts - Video 163, 164
- Probability - Videos 245, 246, 248
- Listing Outcomes - Video 253
- Scatter Graphs - Videos 165 to 168
- Stem and Leaf - Videos 169, 170
- Mode - Video 56
- Median - Video 50
- Mean - Video 53
- Range - Video 57
- Estimated Mean - Video 55
- Venn Diagrams - Video 380
- Tree Diagrams - Video 252
- Coordinates - Video 84
- Writing Expressions - Video 16
- Collecting Like Terms - Video 9
- Multiplying Terms - Video 18
- Sequences - Videos 286, 287, 290
- The nth Term - Video 288
- Expanding Brackets - Videos 13, 14
- Factorising - Video 117
- Factorising Quadratics - Videos 118, 120
- Solving Equations - Video 110, 113
- Forming Equations - Videos 114, 115
- Inequalities - Videos 177, 178, 179
- Conversion Graphs - Video 151
- Drawing Linear Graphs - Video 186
- y = mx + c - Video 191
- Parallel graphs - Video 196
- Substitution - Video 20
- Changing the Subject - Video 7
- Simultaneous Equations - Video 295
- Quadratic Graphs - Video 264
- Cubic Graphs - Video 344
- Reciprocal Graphs - Video 346



Back to Homework

Find topics My activity

Choose to practice any topic from the Sparx library at any difficulty level.

Search for topics: Your curriculum: Default level:

Select a topic:

Number

Algebra
 x^2

Ratio and Proportion
3:2

Geometry

Probability

Statistics

File Home Insert Draw Page Layout Formulas Data Review View Help

Clipboard: Paste, Cut, Copy, Format Painter

Font: Arial, 10, Bold, Italic, Underline, Text Color, Background Color

Alignment: Left, Center, Right, Merge & Center, Wrap Text

Number: General, Percent, Decimals, Fractions

Styles: Conditional Formatting, Format as Table, Cell Styles

Cells: Insert, Delete, Format

Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select

Analysis: Analyze Data

Sensitivity: Sensitivity

	A	B	C	D	E	F	G	H	I
1	Strand	Substrand	Topic	Co	Levels	Higher			
2	Algebra	Algebraic fractions	Adding and subtracting algebraic fractions	U685	3, 4, 5	Higher Only			
3	Geometry	Vectors	Adding and subtracting column vectors	U903	1, 2				
4	Number	Operations	Adding and subtracting decimals	U478	1, 2, 3, 4, 5				
5	Number	Fractions and mixed numbers	Adding and subtracting fractions	U736	1, 2, 3, 4				
6	Number	Operations	Adding and subtracting integers	U417	1, 2				
7	Number	Fractions and mixed numbers	Adding and subtracting mixed numbers	U793	1, 2, 3, 4				
8	Number	Standard form	Adding and subtracting numbers in standard form	U290	1, 2, 3, 4, 5				
9	Number	Surds	Adding and subtracting surds	U872	3, 4, 5	Higher Only			
10	Number	Negative numbers	Adding and subtracting with negative numbers	U742	1, 2, 3, 4, 5				
11	Geometry	Circle theorems	Alternate segment theorem	U130	3, 4, 5	Higher Only			
12	Geometry	Angles	Angles in polygons	U427	1, 2, 3, 4, 5				
13	Geometry	Angles	Angles in quadrilaterals	U732	1, 2, 3				
14	Geometry	Circle theorems	Angles in segments and cyclic quadrilaterals	U251	3, 4, 5	Higher Only			
15	Geometry	Angles	Angles in triangles	U628	1, 2, 3				
16	Geometry	Trigonometry	Angles of elevation and depression	U967	3, 4, 5				
17	Geometry	Angles	Angles on a line and about a point	U390	1, 2, 3				
18	Geometry	Angles	Angles on parallel lines	U826	1, 2, 3, 4, 5				
19	Geometry	Circle theorems	Angles subtended at the centre or circumference of a circle	U459	3, 4, 5	Higher Only			
20	Algebra	Motion-time graphs	Calculating acceleration from velocity-time graphs	U562	4, 5				
21	Statistics	Histograms	Calculating averages from histograms	U267	4, 5	Higher Only			
22	Geometry	Maps and bearings	Calculating bearings	U107	1, 2, 3, 4, 5				
23	Algebra	Motion-time graphs	Calculating distances from velocity-time graphs	U611	4, 5	Higher Only			
24	Algebra	Graphs and coordinates	Calculating midpoints	U933	1, 2, 3, 4, 5				
25	Algebra	Motion-time graphs	Calculating speed from distance-time graphs	U462	1, 2, 3, 4, 5				
26	Statistics	Averages and range	Calculating the mean	U291	1, 2, 3				
27	Statistics	Averages and range	Calculating the median	U456	1, 2				
28	Statistics	Averages and range	Calculating the range	U526	1, 2				
29	Ratio, Proportion and Rates of Change	Compound measures	Calculating with density	U910	3, 4, 5				
30	Ratio, Proportion and Rates of Change	Compound measures	Calculating with pressure	U527	3, 4, 5				
31	Ratio, Proportion and Rates of Change	Compound measures	Calculating with rates	U256	1, 2, 3, 4, 5				
32	Ratio, Proportion and Rates of Change	Ratio	Calculating with ratios and algebra	U678	4, 5				

Clip 162 Simultaneous Equations Algebraically - Question 1

[← Return to Videos](#)

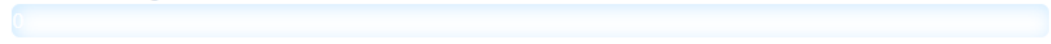
Standard Questions

« 1 2 3 »

Harder Questions

« 1 2 3 4 5 6 7 8 »

Question Progress



$$3x + 2y = 14$$


$$x + y = 5$$



Work out the values of x and y .

$x =$

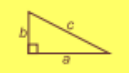

$y =$

[Submit Answer](#)

Subject Content		Grade 1
Number		Place Value 1
Algebra		Ordering Integers 2
		Ordering Decimals 3
		Reading Scales 4
		Simple Mathematical Notation 5
		Interpreting Real-Life Tables 6
Ratio, Proportion, Rates of Change		Introduction to Algebraic Conventions 7
Geometry and Measures		Coordinates 8
Probability and Statistics		Simple Geometric Definitions 9
		Polygons 10
		Symmetries 11
		Tessellations and Congruent Shapes 12
		Names of Angles 13
		The Probability Scale 14
		Tally Charts and Bar Charts 15
		Pictograms 16
Grades that will be examined:		
Higher	1 2 3 4 5 6 7 8 9	
Foundation	1 2 3 4 5	
<p>You will find some formulas and information in this insert.</p> <p>It will be very helpful to learn it a, off-by-heart for your exam.</p>		
<p>Area of a circle = πr^2</p> <p>Circumference of a circle = $2\pi r$</p> 		

Grade 2	
Adding Integers and Decimals 17	Properties of Solids 43
Subtracting Integers and Decimals 18	Nets 44
Multiplying Integers 19	Angles on a Line and at a Point 45
Dividing Integers 20	Measuring and Drawing Angles 46
Inverse Operations 21	Drawing a Triangle Using a Protractor 47
Money Questions 22	Reflections 48
Negatives in Real Life 23	Rotations 49
Introduction to Fractions 24	Translations 50
Equivalent Fractions 25	Plans and Elevations 51
Simplifying Fractions 26	Perimeters 52
Half-Way Values 27	Area of a Rectangle 53
Factors, Multiples and Primes 28	Area of a Triangle 54
Introduction to Powers/Indices 29	Area of a Parallelogram 55
Multiply and Divide by Powers of 10 30	Area of a Trapezium 56
Rounding to the Nearest 10, 100 etc 31	Frequency Trees 57
Rounding to Decimal Places 32	Listing Outcomes 58
Simplifying - Addition and Subtraction 33	Calculating Probabilities 59
Simplifying - Multiplication 34	Mutually Exclusive Events 60
Simplifying - Division 35	Two-Way Tables 61
Function Machines 36	Averages and the Range 62
Generating a Sequence - Term to Term 37	Data - Discrete and Continuous 63
Introduction to Ratio 38	Vertical Line Charts 64
Using Ratio for Recipe Questions 39	Frequency Tables and Diagrams 65
Introduction to Percentages 40	
Value for Money 41	
Introduction to Proportion 42	
Prime Numbers	
2, 3, 5, 7, 11, 13, 17, 19, 23, 29, . . .	
Each prime number has exactly two factors.	
<p>Area of a triangle = $\frac{b \times h}{2}$</p> 	
<p>Area of trapezium = $\frac{1}{2}(a + b)h$</p> 	

Grade 3	
Multiplying Decimals 66	Sketching Functions 99
Dividing Decimals 67	Solving Equations Using Flowcharts 100
Four Rules of Negatives 68	Subject of a Formula Using Flowcharts 101
Listing Strategies 69	Generate a Sequence from n th Term 102
Comparing Fractions 70	Finding the n th Term 103
Adding and Subtracting Fractions 71	Special Sequences 104
Finding a Fraction of an Amount 72	Exchanging Money 105
Multiplying Fractions 73	Sharing Using Ratio 106
Dividing Fractions 74	Ratios, Fractions and Graphs 107
BODMAS/BIDMAS 75	Increase/Decrease by a Percentage 108
Reciprocals 76	Percentage Change 109
Calculator Questions 77	Reverse Percentage Problems 110
Product of Primes 78	Simple Interest 111
Highest Common Factor (HCF) 79	Metric Conversions 112
Lowest Common Multiple (LCM) 80	Problems on Coordinate Axes 113
Squares, Cubes and Roots 81	Surface Area of a Prism 114
Working with Indices 82	Volume of a Cuboid 115
Standard Form 83	Circle Definitions 116
Decimals and Fractions 84	Area of a Circle 117
Fractions, Percentages, Decimals 85	Circumference of a Circle 118
Percentage of an Amount (Calc.) 86	Volume of a Prism 119
Percentage of an Amount (Non-Calc.) 87	Angles and Parallel Lines 120
Change to a Percentage (Calc.) 88	Angles in a Triangle 121
Change to a Percentage (Non-Calc.) 89	Properties of Special Triangles 122
Rounding to Significant Figures 90	Angle Sum of Polygons 123
Estimating Answers 91	Bearings 124
Using Place Value 92	Experimental Probabilities 125
Expanding Brackets 93	Possibility Spaces 126
Simple Factorisation 94	Venn Diagrams 127
Substitution 95	Representing Data 128
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The Gradient of a Line 97	Averages From a Table 130
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Grade 4	Grade 5
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Midpoint of a Line on a Graph 133	Mathematical Reasoning 156
Expanding and Simplifying Brackets 134	Factorising and Solving Quadratics 157
Solving Equations 135	The Difference of Two Squares 158
Rearranging Simple Formulae 136	Finding the Equation of a Straight Line 159
Forming Formulae and Equations 137	Roots and Turning Points of Quadratics 160
Inequalities on a Number Line 138	Cubic and Reciprocal Graphs 161
Solving Linear Inequalities 139	Simultaneous Equations Algebraically 162
Simultaneous Equations Graphically 140	Geometric Progressions 163
Fibonacci Sequences 141	Compound Interest and Depreciation 164
Compound Units 142	Ratio Questions 165
Distance-Time Graphs 143	Congruent Triangles 166
Similar Shapes 144	Sectors of a Circle 167
Constructions Using Compasses 145	Trigonometry 168
Loc. 146	Spheres 169
Drawing a Triangle Using Compasses 147	Pyramids 170
Enlargements 148	Cones 171
Tangents, Arcs, Sectors and Segments 149	Frustums 172
Pythagoras' Theorem 150	Exact Trigonometric Values 173
Simple Tree Diagrams 151	Introduction to Vectors 174
Sampling Populations 152	Harder Tree Diagrams 175
Time Series 153	Stratified Sampling 176
The Laws of Indices	Pythagoras
$x^a \times x^b = x^{a+b}$	$a^2 + b^2 = c^2$
$x^a \div x^b = x^{a-b}$	
$(x^a)^b = x^{ab}$	
$x^{-a} = \frac{1}{x^a}$	
	Trigonometry
	

Grade 6	Grades 8 and 9
Recurring Decimals to Fractions 177	Upper and Lower Bounds 206
Product of Three Binomials 178	Surds 207
Iteration - Trial and Improvement 179	Perpendicular Lines 208
Iterative Processes 180	Completing the Square 209
Enlargement - Negative Scale Factor 181	Algebraic Fractions 210
Combinations of Transformations 182	Simultaneous Eqns with a Quadratic 211
Circle Theorems 183	Solving Quadratic Inequalities 212
Proof of Circle Theorems 184	Finding the n th Term of a Quadratic 213
Probability Using Venn Diagrams 185	Inverse Functions 214
Cumulative Frequency 186	Composite Functions 215
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Factorising Hard Quadratics 192	
Algebraic Proof 193	
Exponential Functions 194	
Trigonometric Graphs 195	
Transformation of Functions 196	
Equation of a Circle 197	
Regions 198	
Direct and Inverse Proportion 199	
Advanced Ratio Questions 200	
Similarity - Area and Volume 201	
Sine and Cosine Rules 202	
Area of a Triangle Using Sine 203	
And and Or Probability Questions 204	
Histograms 205	
	Fractional Indices
	$x^{\frac{a}{b}} = (\sqrt[b]{x})^a$
	Quadratic Formula
	$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
	Sine Rule
	$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$
	Cosine Rule
	$a^2 = b^2 + c^2 - 2bc \cos A$
	Surds
	$\sqrt{a} \times \sqrt{a} = a$
	$\sqrt{a \times b} = \sqrt{a} \times \sqrt{b}$
	$\sqrt{\frac{a}{b}} = \frac{\sqrt{a}}{\sqrt{b}}$
	Histograms
	frequency density = $\frac{\text{frequency}}{\text{class width}}$

MATHSWATCH COVERS EVERY TOPIC ON THE GCSE SYLLABUS

Grades that will be examined: *Grades that can be obtained:*

Higher	1 2 3 4 5 6 7 8 9	Higher	4 5 6 7 8 9
Foundation	1 2 3 4 5	Foundation	1 2 3 4 5

The Maths Grade 1 to 9 syllabus is split into 5 areas and 246 videos.

Number - 65 videos

Algebra - 64 videos

Ratio and Proportion - 23 videos

Geometry and Measures - 66 videos

Probability and Statistics - 28 videos

How long will it take to revise?

The timings of our videos are:

0 to 5 mins 107 videos

5 to 10 mins 112 videos

10 to 15 mins 22 videos

15 to 20 mins 4 videos

20 to 25 mins 1 video

How to revise for Maths GCSE

1. Don't just read through the revision guide!

2. Use the internet.

3. Don't just practice the topics you can do.

3. Practice doing questions under exam conditions.

4. Practice using your calculator!

Summary



- **Alder Leaders:** Are ambitious for **YOUR** child
- **Alder Teachers:** Go extra mile for **YOUR** child

But we need

- **Pupils:** To believe in themselves & work hard in and out of school
- **Parents:** To support BOTH school and your child at home
- **Working together** = best [only?] way your child will **achieve potential**

Altruism – Leadership – Diversity – Excellence - Resilience



Thank You

#WeAreAlder

Altruism – Leadership – Diversity – Excellence - Resilience