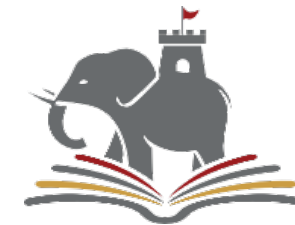


STOKE PARK
— SCHOOL —

Year 11

GCSE Information Evening

*How you can best support your child in preparation
for their GCSE exams*



Maths - GCSE - EdExcel

Mr Hughes– Head of Maths
StaffMCH@stokepark.coventry.sch.uk

Course Structure

Four main strands **Number, Algebra, Geometry & Statistics**

Exam Structure

Paper 1 (Non Calculator)- 1 hour 30 minutes - 80 marks

Paper 2 (Calculator)- 1 hour 30 minutes - 80 marks

Paper 1 (Calculator)- 1 hour 30 minutes - 80 marks

Higher or Foundation?

At Higher level you can achieve grades 3-9

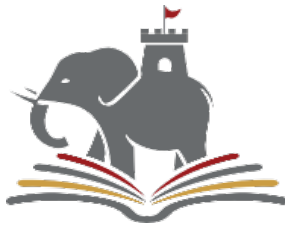
At Foundation you can achieve grades 1-5

Why Maths?

Maths is needed for most career pathways post Key Stage 4.

If students do not pass this year they will be required to attend 4hrs of classroom based Maths per week even if they go to college.





Maths - GCSE - EdExcel

Mr Hughes– Head of Maths
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Scientific Calculators



Casio Classwiz

Be careful when choosing a calculator as many say they are Scientific but end up being more of a hindrance than a help! We recommend getting a Casio Classwiz which will be useful right up to A-Level.

These usually retail for around £10. You can get them from Amazon and all large shops. I recommend shopping around first as often you can find a good deal.

Maths - GCSE - EdExcel



Grade 4

Videos	Exam Questions	Exam Questions Booklet	Solutions
Compound Interest and Depreciation	Exam Questions	Compound Interest and Depreciation	Solutions
Indices	Exam Questions	Indices	Solutions
Prime Factors, HCF and LCM	Exam Questions	HCF, LCM	Solutions
Real Life and Distance Time Graphs		Real Life Graphs	Solutions
Inequalities	Exam Questions	Inequalities	Solutions
Forming and Solving Equations	Exam Questions	Forming and Solving Equations	Solutions
Sequences (Nth Term)	Exam Questions	Sequences (nth term)	Solutions
Expanding and Factorising	Exam Questions	Expand and Factorise	Solutions

Revision

Use www.mathsgenie.co.uk

Here you will find the topics needed broken down by grade.

Alongside these there are videos to help support revision, exam questions and worked solutions.



English:

- Pupils sit and are accredited with two subjects across Year 10/11 → English Language and English Literature
- The following slides offer a brief summary per subject
- Essentially, students will sit a total of 4 exams (2 for Language and 2 for Literature), focusing upon their reading and writing skills, and applying this over a range of literary and non-literary fiction and non-fiction texts.

Paper 1: Explorations in Creative Reading and Writing

What's assessed

Section A: Reading

- one literature fiction text

Section B: Writing

- descriptive or narrative writing

Assessed

- written exam: 1 hour 45 minutes
- 80 marks
- 50% of GCSE



Questions

Reading (40 marks) (25%)– one single text

- 1 short form question (1 x 4 marks)
- 2 longer form questions (2 x 8 marks)
- 1 extended question (1 x 20 marks)

Writing (40 marks) (25%)

- 1 extended writing question (24 marks for content, 16 marks for technical accuracy)

English Language



Paper 1

1 hour 45 minutes

**Worth 50% of the
Language grade**

**Reading section – based
on one fiction source –
40 marks**

**Writing section – 40
marks**

English Language

Paper 2

1 hour 45 minutes

Worth 50% of the Language grade

Reading section – based on two non-fiction sources – 40 marks

Writing section – 40 marks

Paper 2: Writers' Viewpoints and Perspectives



What's assessed

Section A: Reading

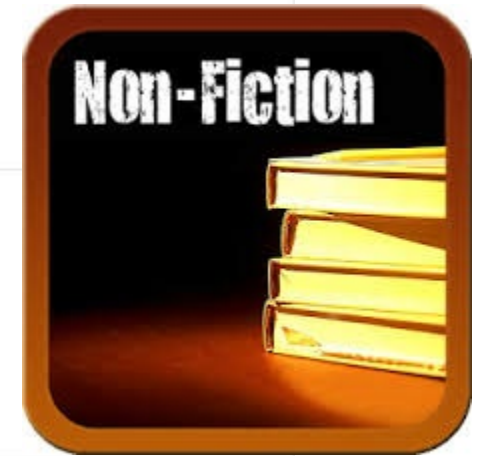
- one non-fiction text and one literary non-fiction text

Section B: Writing

- writing to present a viewpoint

Assessed

- written exam: 1 hour 45 minutes
- 80 marks
- 50% of GCSE



Questions

Reading (40 marks) (25%) – two linked texts

- 1 short form question (1 x 4 marks)
- 2 longer form questions (1 x 8, 1 x 12 marks)
- 1 extended question (1 x 16 marks)

Writing (40 marks) (25%)

- 1 extended writing question (24 marks for content, 16 marks for technical accuracy)

There is also a separate qualification for Spoken Language.

Students achieve either a Pass, Merit or Distinction which will appear on their exam results in August, 2023.

Paper 1: Shakespeare and the 19th-century novel

What's assessed

- Shakespeare plays
- The 19th-century novel

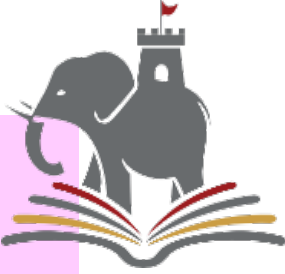
How it's assessed

- written exam: 1 hour 45 minutes
- 64 marks
- 40% of GCSE

Questions

Section A Shakespeare: students will answer one question on their play of choice. They will be required to write in detail about an extract from the play and then to write about the play as a whole.

Section B The 19th-century novel: students will answer one question on their novel of choice. They will be required to write in detail about an extract from the novel and then to write about the novel as a whole.



English Literature

Paper One
1 hour 45 minutes
40% of GCSE

Shakespeare play
(Macbeth)
19th Century Text (*A Christmas Carol*)

English Literature

Paper Two

2 hours 15 minutes

60% of GCSE

Modern Text ('Blood
Brothers' or 'An Inspector
Calls')

Poetry Anthology &
Unseen Poetry

Paper 2: Modern texts and poetry

What's assessed

- Modern prose or drama texts
- The poetry anthology
- Unseen poetry

How it's assessed

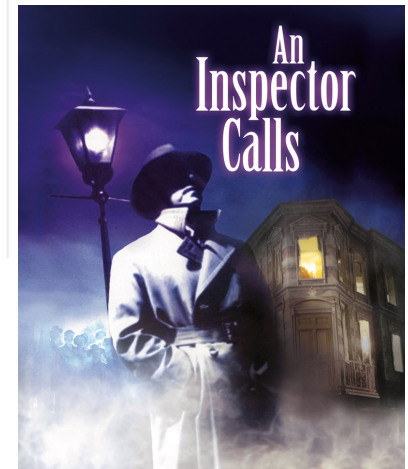
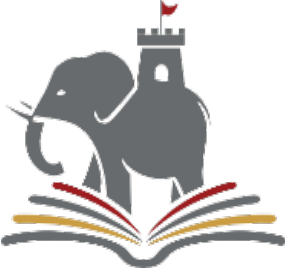
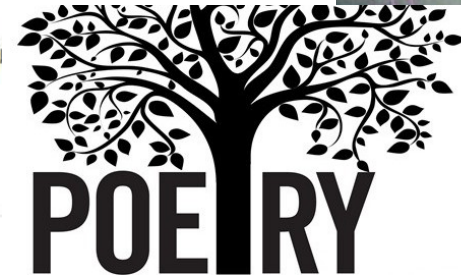
- written exam: 2 hour 15 minutes
- 96 marks
- 60% of GCSE

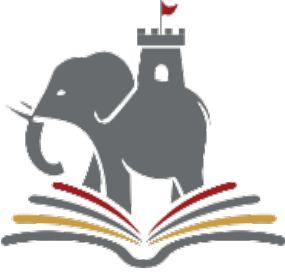
Questions

Section A Modern texts: students will answer one essay question from a choice of two on their studied modern prose or drama text.

Section B Poetry: students will answer one comparative question on one named poem printed on the paper and one other poem from their chosen anthology cluster.

Section C Unseen poetry: Students will answer one question on one unseen poem and one question comparing this poem with a second unseen poem.





What our students must do to succeed: Revise from now for BOTH Language and Literature

- Attend targeted intervention
- Study and act on the feedback given on in-class assessments and Mock exams
- Re-read exam texts for Literature (loaned from the department, to be returned on the day of the Lit exams)
- Memorise short, important quotes from the texts that they will be able to use and analyse in their answers
- Use feedback from the Examiners' reports to inform how they answer questions
- Purchase reduced priced revision guides
- Ask their teacher if there is something which they are finding difficult or an element of their mocks or assessments they don't understand
- Complete extra questions and give them to your teacher to mark

English Topics List

English Language x 2 paper

Both 1 hour, 45 mins each

- Each paper encompasses: Section A - Reading and Section B - Writing
- **Reading** – 4 Qs about 1 x fiction source text for **Paper 1** and 4 Qs about/ comparing 2 x non-fiction sources for **Paper 2**. The three sources are taken from either the C19th, C20th or C21st. 40 marks per paper for reading
- **Writing** – Q5 – Writing a creative (fiction text) for **Paper 1** and writing a non-fiction text, with a specific audience and purpose (transactional writing) for **Paper 2**. 40 marks per paper for writing
- **Tips:** Practise, practise, practise.
- Use the past papers given to you.
- Visit GCSE Bitesize (exam board – AQA)
- Visit AQA and look at/practise past papers – even if it is just practising reading time or planning responses.
- Check out Mr Bruff on “Youtube” – he’s got a video for everything!

English Literature x 2 Papers

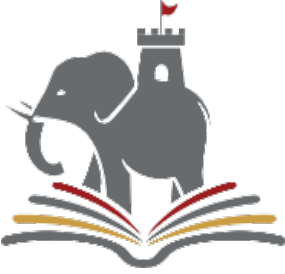


→ Paper 1 - 1 hour, 45 mins; 64 marks

- 1 x ‘Macbeth’ extract based Question (30 marks, plus 4 x SPAG marks)
- 1 x ‘A Christmas Carol’ extract based Question.

→ Paper 2 – 2 hours, 15 mins; 96 marks

- Modern Text (‘Blood Brothers’ OR ‘An Inspector Calls’) – theme/topic/character-based Q. Choice of 2. Answer 1.
- Power and Conflict Poetry (anthology) – comparison of one poem (provided) and a second poem of choice.
- Unseen Poetry – two questions focused on 2 unseen poems
- **Tips:** Practise, practise, practise.
- Use the past papers given to you. And ... the revision guides: try a different activity each day.
- Visit GCSE Bitesize (exam board – AQA)
- Visit AQA and look at/practise past papers – even if it is just practising planning responses.
- Check out Mr Bruff on “Youtube” – he’s got a video for everything!
- Create character / theme / context mind-maps / flash cards
- And most importantly, re-read the texts and know them well. Watch productions if you can!



Finally, we are here to support!

You can email us if you need anything!

Mrs Jardine – Subject Leader for English

LJardine@stokepark.coventry.sch.uk

Miss Harvey - Assistant Subject Leader for English

aharvey@stokepark.coventry.sch.uk

Edexcel Combined Science

Biology Paper 1

Key concepts in biology
Cells and control
Genetics
Natural selection and genetic modification
Health, disease and the development of medicines

Biology Paper 2

Key concepts in biology
Plant structures and their functions
Animal coordination, control and homeostasis
Exchange and transport in animals
Ecosystems and material cycles

Chemistry Paper 1

Key concepts in chemistry
States of matter and mixtures
Chemical changes
Extracting metals and equilibria

Chemistry Paper 2

Key concepts in chemistry
Groups in the periodic table
Rates of reaction and energy changes
Fuels and Earth science

Physics Paper 1

Motion and forces
Conservation of energy
Waves
Light and the electromagnetic spectrum
Radioactivity

Physics Paper 2

Energy - Forces doing work
Forces and their effects
Electricity and circuits
Magnetism and the motor effect
Electromagnetic induction
Particle model
Forces and matter

- Students will sit **6 exam papers**
- **(1hr 10 minutes each)**
- Exams questions will assess these objectives:
 - **AO1:** Demonstrate knowledge and understanding
 - **AO2:** Apply knowledge and understanding
 - **AO3:** Analyse information and ideas

Edexcel Separate Sciences (Triple)

Biology Paper 1

Key concepts in biology
Cells and control
Genetics
Natural selection and genetic modification
Health, disease and the development of medicines

Biology Paper 2

Key concepts in biology
Plant structures and their functions
Animal coordination, control and homeostasis
Exchange and transport in animals
Ecosystems and material cycles

Chemistry Paper 1

Key concepts in chemistry
States of matter and mixtures
Chemical changes
Extracting metals and equilibria
Separate Chemistry 1

Chemistry Paper 2

Key concepts in chemistry
Groups in the periodic table
Rates of reaction and energy changes
Fuels and Earth science
Separate Chemistry 2

Physics Paper 1

Motion and forces
Conservation of energy
Waves
Light and the electromagnetic
Radioactivity
Astronomy

Physics Paper 2

Energy - Forces doing work
Forces and their effects
Electricity and circuits
Static electricity
Magnetism and the motor effect
Electromagnetic induction
Particle model
Forces and matter

- Students will sit **6 exam papers**
- **(1hr 45 minutes each)**
- Exam questions will assess these objectives:
 - **AO1:** Demonstrate knowledge and understanding
 - **AO2:** Apply knowledge and understanding
 - **AO3:** Analyse information and ideas

Revision strategies

- Educake quizzes
- Edexcel core practical videos
- Making the most of your science revision guide
- PMT – Physics and Maths Tutor (covers all three sciences)

1.	Choose a diagram from a particular page of the revision guide – now can you try and describe it with words?
2.	Use the keywords on the revision cards made by the science department – now try and find the relevant page for these words in the revision guide
3.	Sketch a “picture” to summarise a chapter, section, double paged spread. Then swap your picture with a partner – now try and put their pictures into your own words.
4.	Use post-it’s to hide the labels for a diagram. Write on the post-it’s what you think the label should read.
5.	Find a page on the revision guide – write down 5 answers and the page reference of the revision guide for these answers. Now swap with a partner - they have to write the questions for those answers.
6.	Find a particular section of the revision guide - write an exam question and a mark scheme for this section (make it even harder by choosing an area you find really challenging!)
7.	Choose 5 key words from a page of the revision guide. Can you write an expanded sentence of 20 words or more that includes all of these words?
8.	Look in the index under “a” and choose a keyword. Now write a sentence including the keyword. Now choose a second key word beginning with a different letter in the index and repeat. See how far you can get.
9.	Pick a diagram and try to describe it to a partner. They need to draw it from just your description, then compare it to the actual diagram.
10.	On revision cards make some very brief notes to summarise a topic. Now explain to a partner what is written on these cards.



Categorise the following list into:

Highly
effective

Ineffective

- Reviewing notes from lessons
- Creating mindmaps from memory
- Mixing up different subjects in one revision session
- Highlighting revision guides/notes
- Testing yourself with friends
- Creating revision cards/mindmaps to read
- Listening to music whilst you revise to avoid distractions
- Leaving time to forget before revising again
- Watching revision videos
- Practice exam questions
- Repeating the same topic with bigger gaps in between revision time

Highly
effective

Ineffective



- Reviewing notes from lessons
- Highlighting revision guides/notes
- Creating revision cards/mindmaps to read
- Listening to music whilst you revise to avoid distractions
- Watching revision videos

Ineffective

Highly
effective

- Creating mindmaps from memory
- Testing yourself with friends
- Leaving time to forget before revising again
- Repeating the same topic with bigger gaps in between revision times
- Practice exam questions
- Mixing up different subjects in one revision session



How to revise effectively – 3 principles

Principle 1

Triple S –

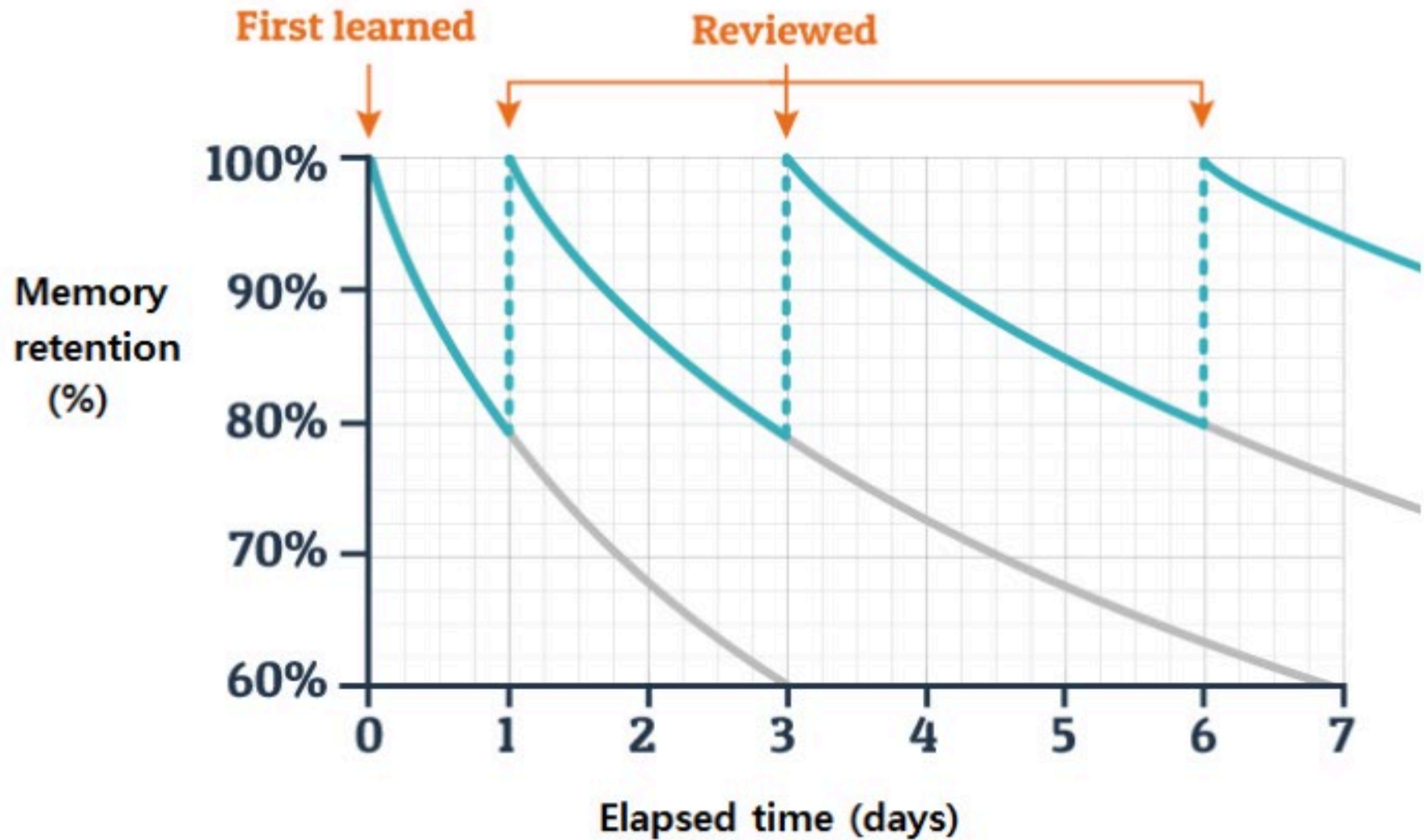
(Start-early,

Space-out-and-repeat

Switch-subjects)

Principle 1

Triple S –
*(Start-early,
Space-out-and-
repeat Switch-
subjects)*



Ebbinghaus' forgetting curve and review cycle.

Principle 2

Practice retrieving memories

Can you remember my telephone number?

Adults... can you remember your home telephone number from childhood?

Can you remember my telephone number?

Adults... can you remember your home telephone number from childhood?

07826481178

Principle 2

Re-Study

Learn English Translation

MKONO - Hand

MASHUA - Boat

NYUMBA - House

Retrieval

Recall and type English Translation

NYUMBA

MKONO

MASHUA



Principle 2: Practice retrieving memories

**Revision should be
effortful**

**(in the same way as going to the gym must be
effortful otherwise you have wasted your time)**



Principle 2: Practice retrieving memories

**Be prepared to get
things wrong!**

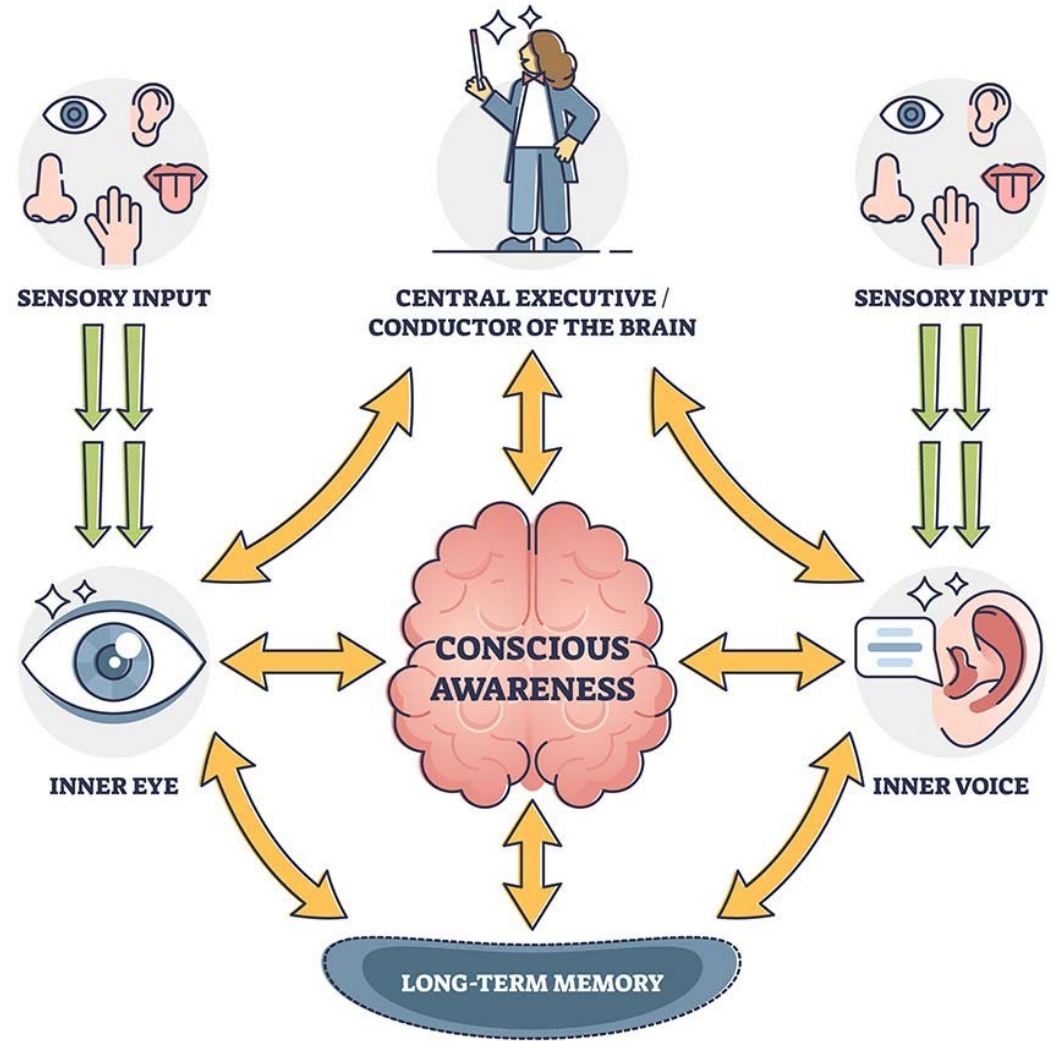
A mistake is the first step to understanding

Principle 3

Manage your brain

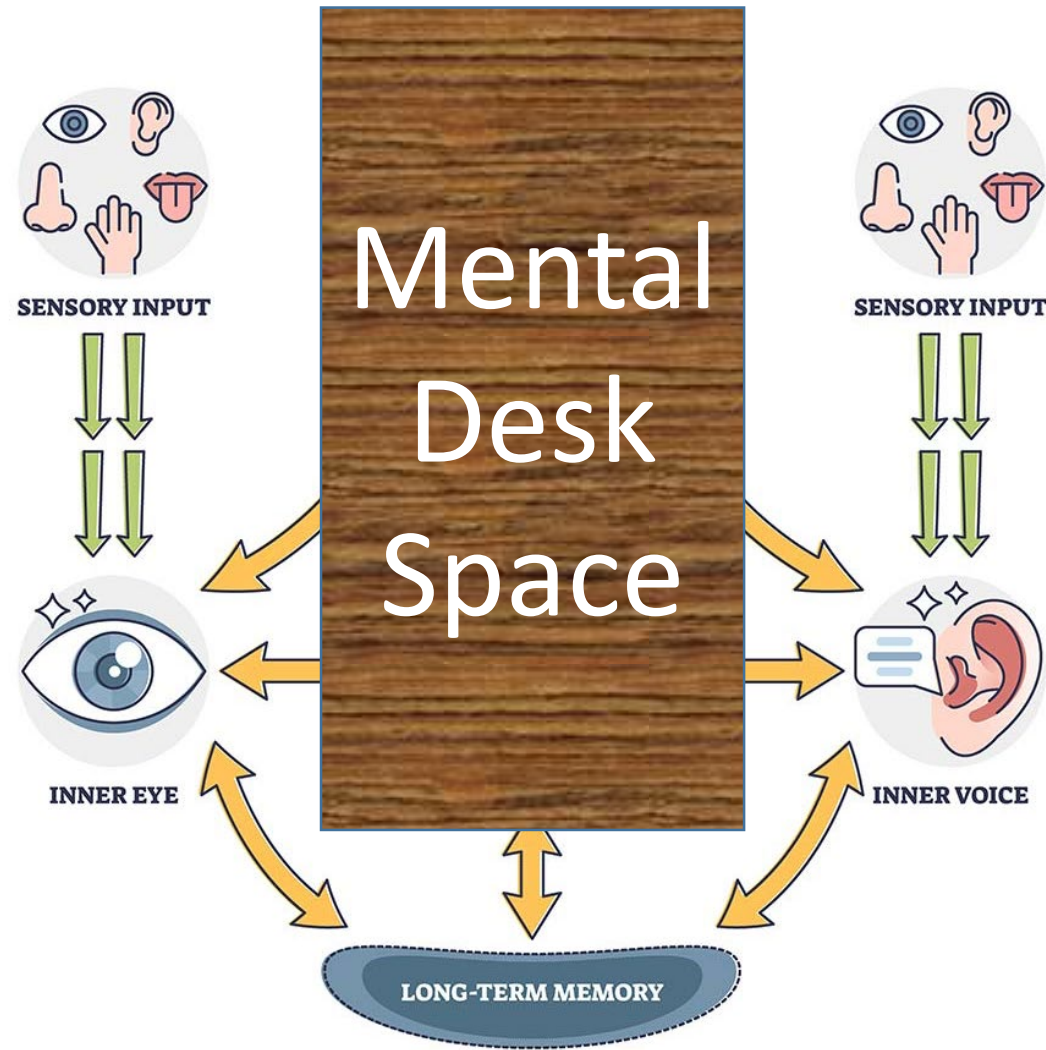
Principle 3

WORKING MEMORY



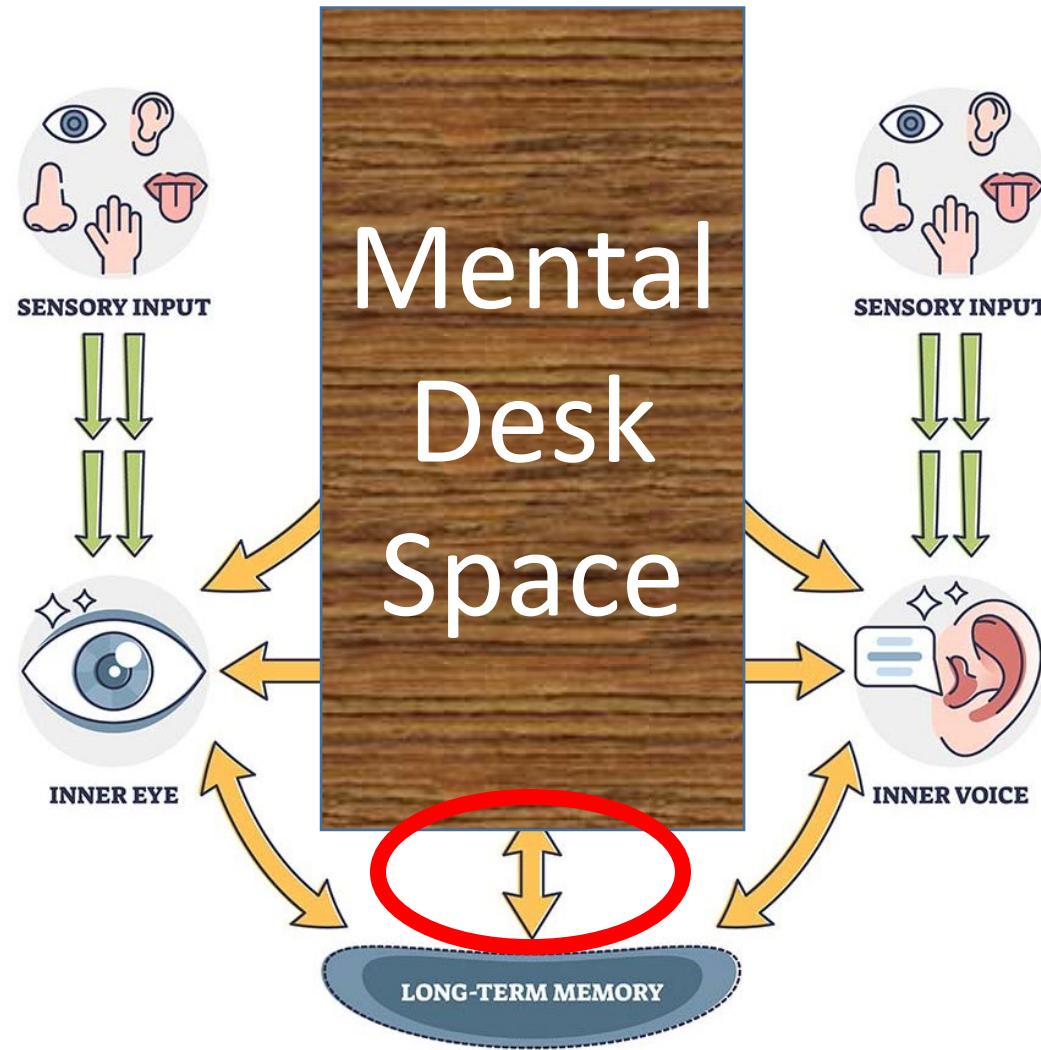
Principle 3

Limited capacity to think – this is why complex problems are hard



Principle 3

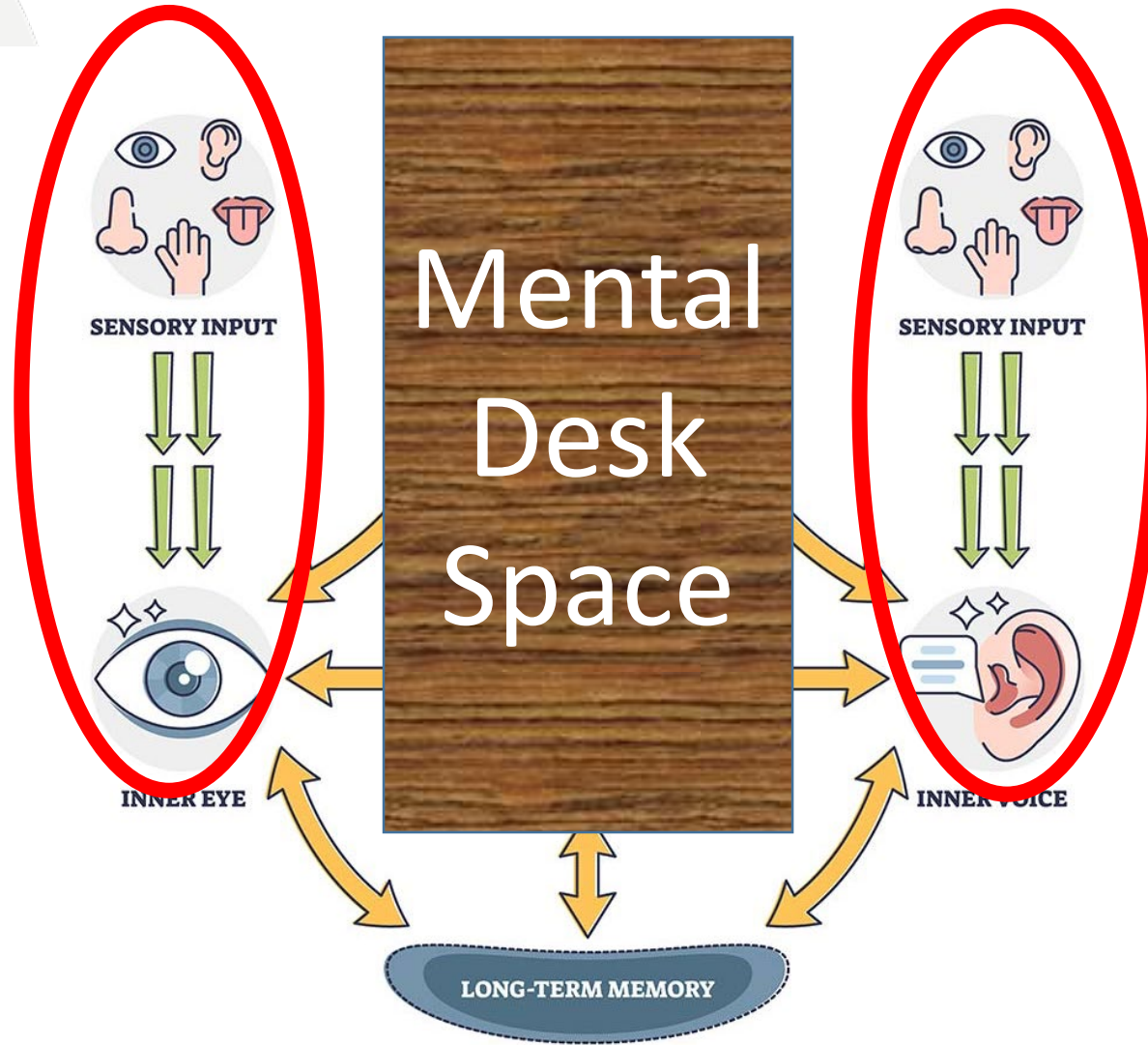
Limited capacity to think – this is why complex problems are hard



You can use things you know as shortcuts to save space on your desk – this is why revision becomes easier



Principle 3



Using visual notes and written/audio increases your desk space

Words and images together helps

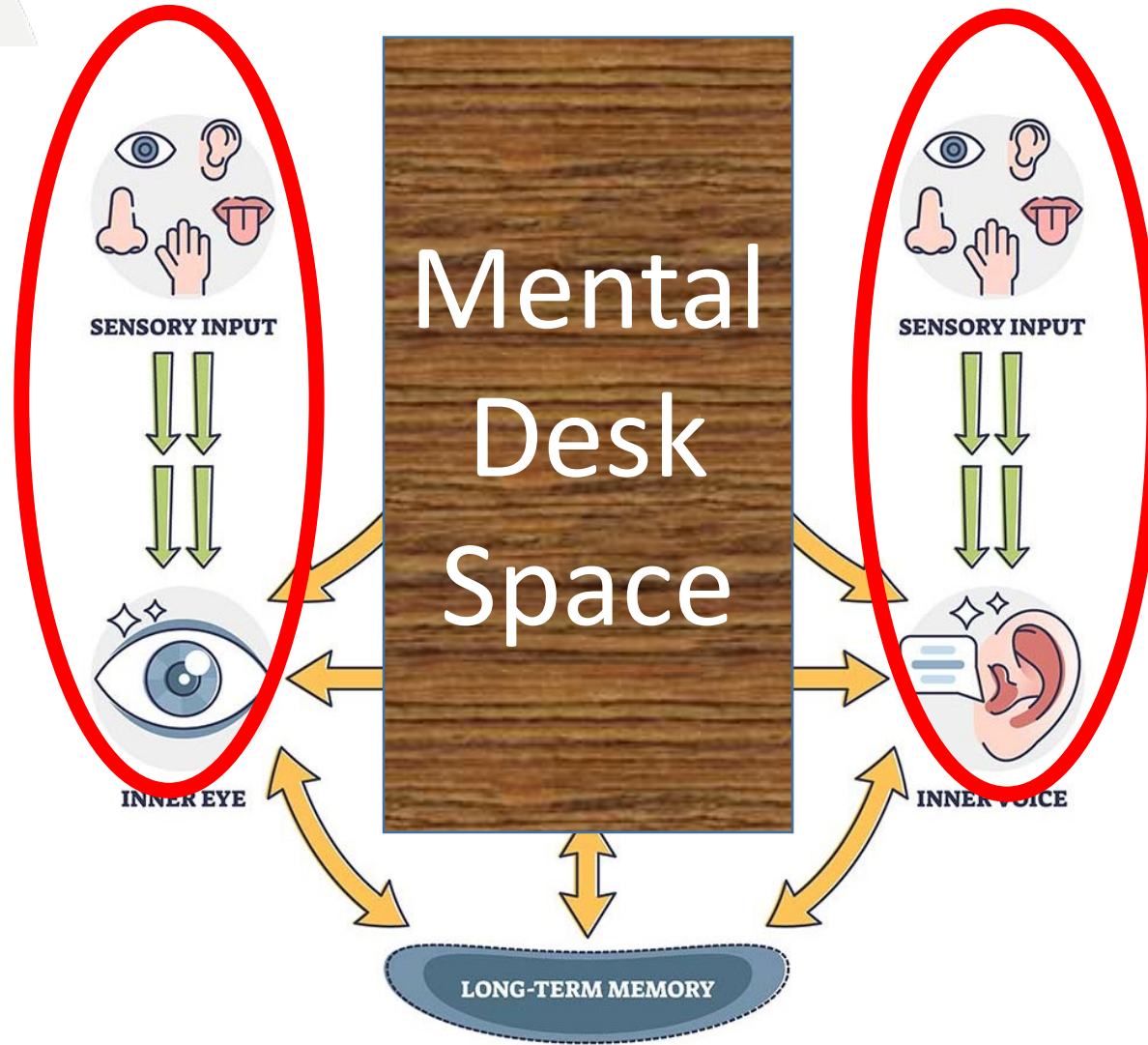
(Dual Coding)

Principle 3

Background music

People talking

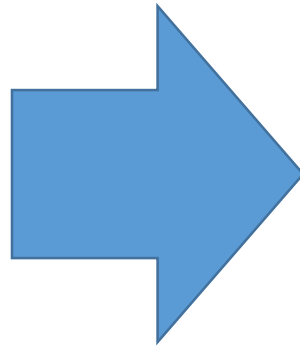
TV on in the room



Visual and auditory things that are unrelated to the learning can take up capacity to think

- Reviewing notes from lessons
- Highlighting revision guides/notes
- Creating revision cards/mindmaps to read
- Listening to music whilst you revise to avoid distractions
- Watching revision videos

Ineffective



- Closed book recreation of notes of by heart
- Take the highlighted parts and turn into flashcards with images from memory
- Listen to instrumental music on low
- Pause videos every minute and recall the key points on paper, check that you are correct

Very
Effective



Students:

- Create a revision timetable that schedules topics to revise and repeat x5
- Start now for any students who haven't!!!
- Make your revision active – practice retrieving memories
- Manage distractions and how you are taking in the material

Parents:

School:

Students:

- Create a revision timetable that schedules topics to revise and repeat x5
- Start now
- Make your revision active – practice retrieving memories
- Manage distractions and how you are taking in the material

Parents:

- Encouragement, support **and structure**
- Get a copy of their revision schedule on the fridge!
- Test them – (very important - you don't need to know the answers)
- Help manage distractions (phone music, space to revise)

School:

Students:

- Create a revision timetable that schedules topics to revise and repeat x5
- Start now
- Make your revision active – practice retrieving memories
- Manage distractions and how you are taking in the material

Parents:

- Encouragement, support **and structure**
- Get a copy of their revision schedule on the fridge!
- Test them – (very important - you don't need to know the answers)
- Help manage distractions (phone music, space to revise)

School:

- Support in lessons with revision structure
- Use retrieval practice quizzes and questions
- Exam question access
- Study Skills Programme

HOW TO MAKE A GOOD FLASH CARD 🤔



Two-sided flashcards are good; one side for the **title** and the other for the **content**.



Try to include between five and ten points on each card.



Useful! You could **highlight** or **underline** key words, **add** **examples**, **photos** and even **colour code** cards for each subject.

Notes are encouraged as these take slightly **longer** to write **but** **help** **with** **memory**.

Check **your** **memory**, and then check it's correct and add to the detail **if** **needed** by using your exercise book, textbook and revision guide.

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RESULTANT FORCES

GRAVITATIONAL POTENTIAL ENERGY

IMPACT FORCES

KINETIC ENERGY

MOMENTUM

FORCES BETWEEN OBJECTS

FORCES ON THE ROAD

CAR SAFETY

STRETCHING & SQUASHING

FORCE & ACCELERATION

ENERGY & WORK

FALLING OBJECTS

If we release an object above the ground, it falls because of its weight (i.e. the force of gravity on it). If the object falls with **no other forces acting on it** the resultant force on it is **its weight**. acceleration due to gravity

IF THE OBJECT FALLS IN A FLUID:

The fluid drags on the object, the drag force increases with speed. at any instant, the resultant force on the object is its **weight minus drag force** on it.

→ The acceleration **decreases** as it falls. This is because the drag force **increases** as it **speeds up**. So the **resultant force on it decreases** so **acceleration decreases**.

→ The object reaches a **constant velocity** when the **drag force is equal & opposite** to its weight → **TERMINAL VELOCITY**, resultant force → 0 → **acceleration = 0**.

When an object moves through air is called **Air resistance**.

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 3) is
 4) is

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The values that underpin the Australian health system

Addresses the broader determinants of health
 Acts to reduce social inequities
 Empowers individuals and communities
 Acts to enable access to health care
 Involves intersectoral collaboration.

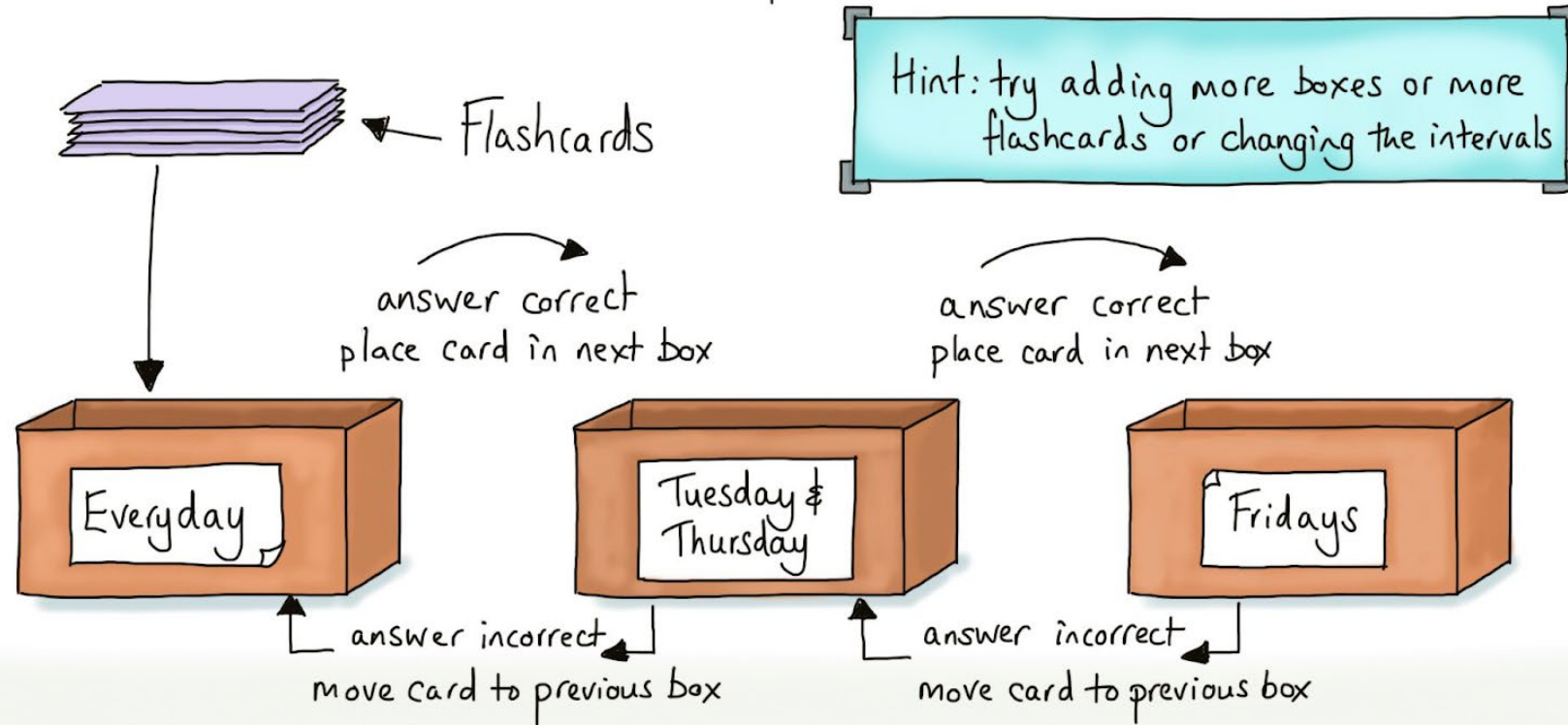
People and of the don't

education.

Copyright © 2018

LEITNER Flash card method

@ImpactWales

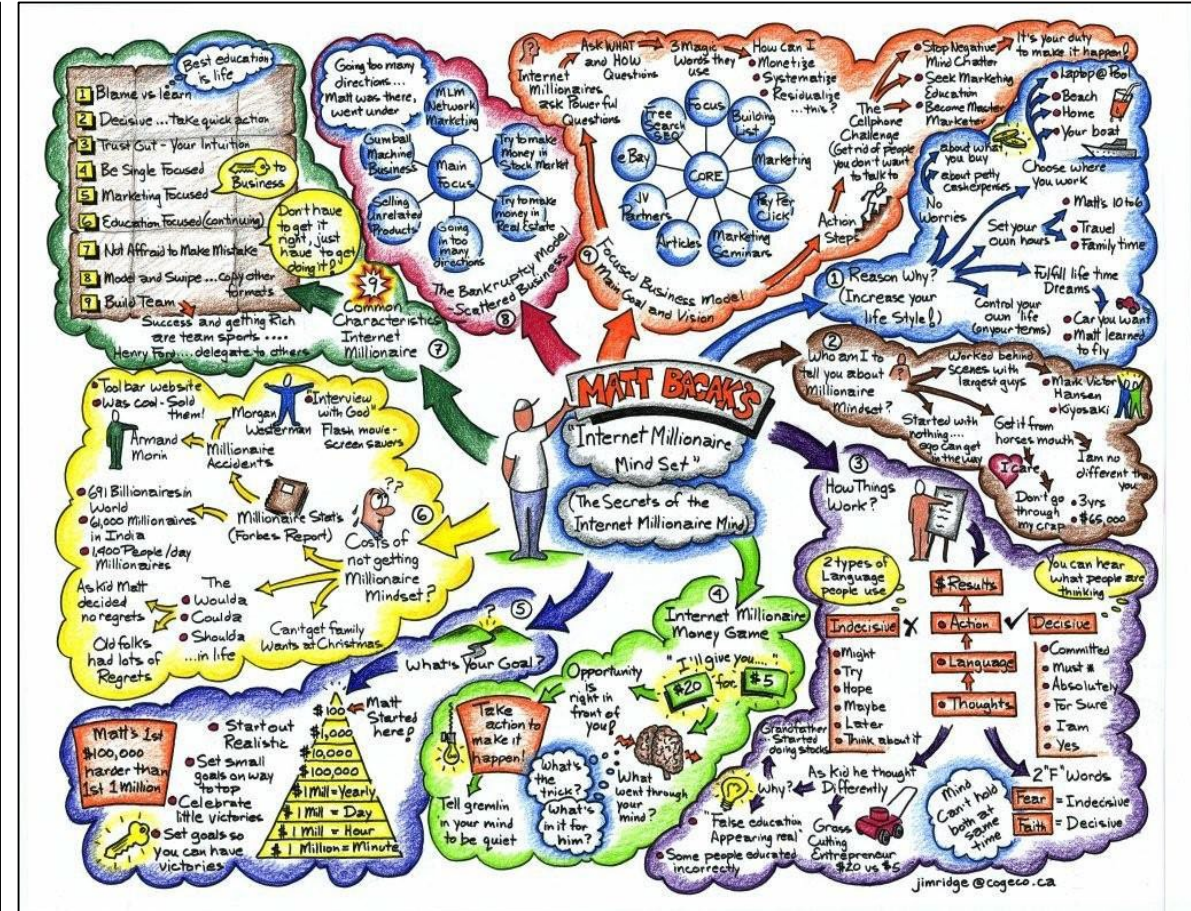
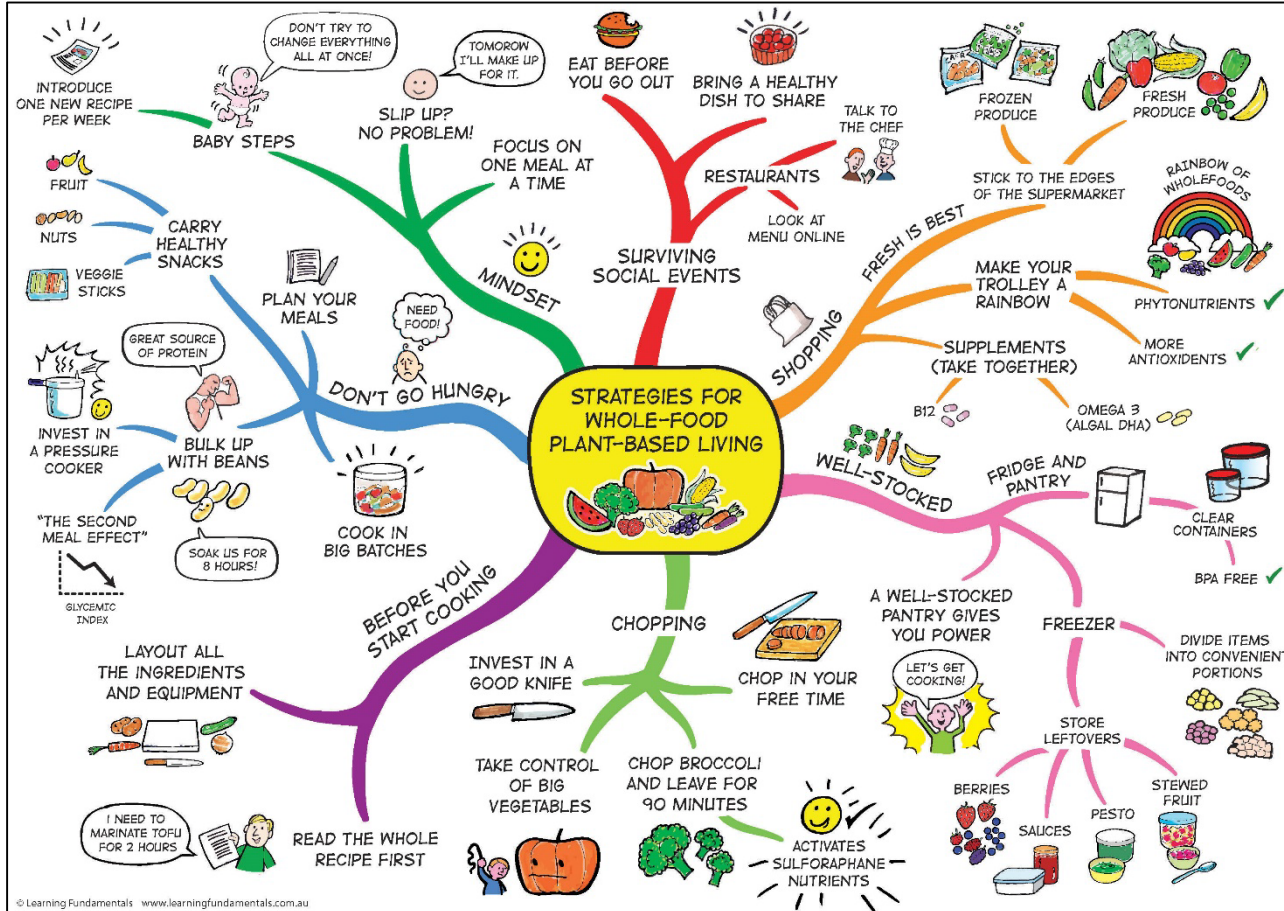


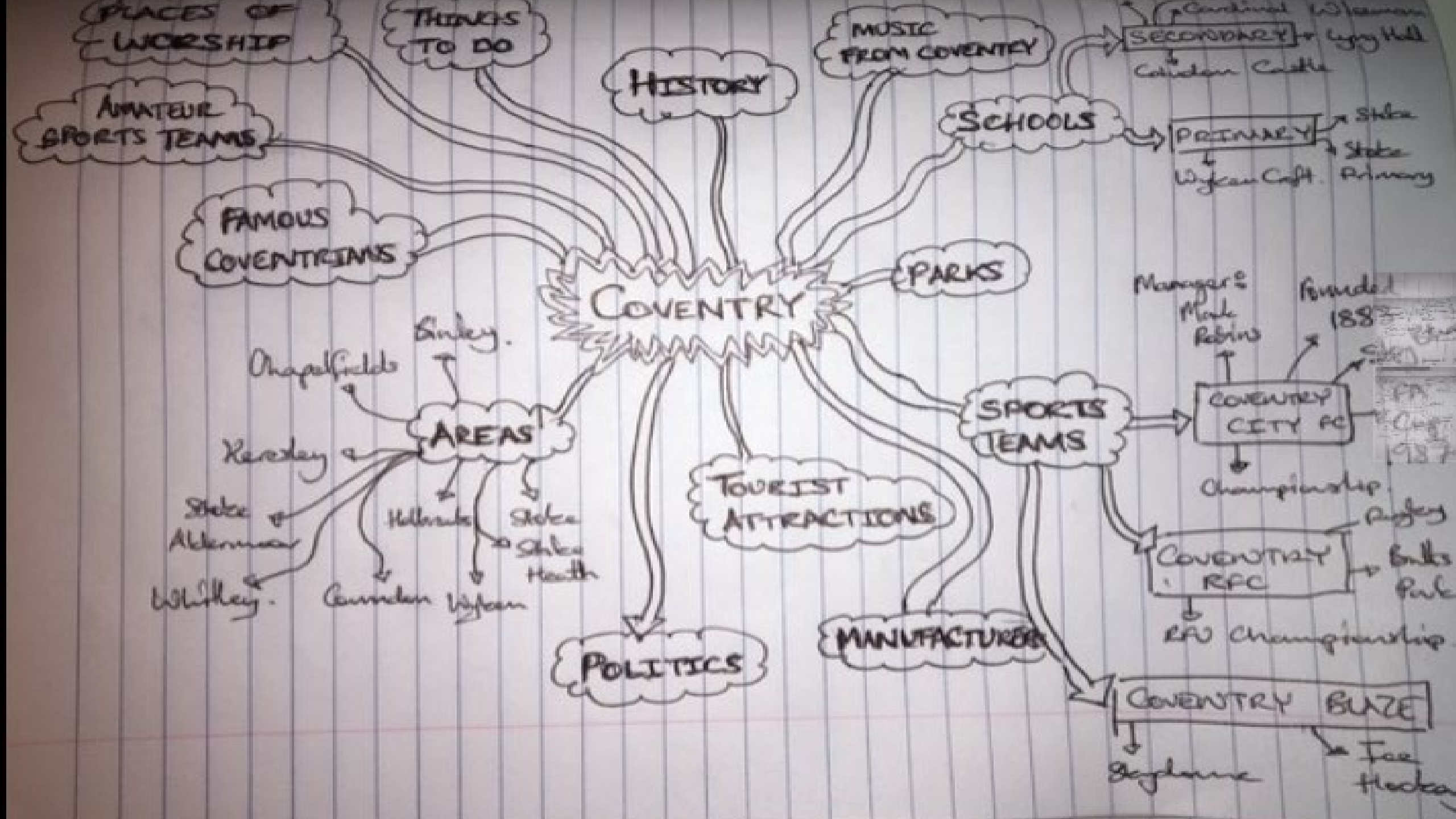
An effective use of flashcards to prompt & recall learning using spaced practice proposed by Leitner in the 1970s. It focuses on the proficiency of recall of the learner. Information which is easily recalled has a longer time lapse before the next recall opportunity.

Mindmaps



STOKE PARK
SCHOOL





Past Papers & Mark Schemes

Answer ALL questions.
Write your answers in the spaces provided.
You must write down all the stages in your working.

1 Write 0.3 as a fraction.

.....

(Total for Question 1 is 1 mark)

2 Work out 3^2

.....

(Total for Question 2 is 1 mark)

3 Work out $20 \div (3 + 2)$

.....

(Total for Question 3 is 1 mark)

4 Write down a factor of 60 that is between 8 and 14

.....

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Answer ALL questions.
Write your answers in the spaces provided.
You must write down all the stages in your working.

1 Write 0.3 as a fraction.

$\frac{3}{10}$

(Total for Question 1 is 1 mark)

2 Work out 3^2

3×3

9

(Total for Question 2 is 1 mark)

3 Work out $20 \div (3 + 2)$

$20 \div 5$

4

(Total for Question 3 is 1 mark)

4 Write down a factor of 60 that is between 8 and 14

1×60 5×12
 2×30 6×10
 3×20
 4×15

10

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Revision timetable - Easter holiday

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00am	Maths Fractions and algebra	Geography Rural and urban studies	Science exam paper 1 - timed conditions (day)	Family breakfast	Art Coursework	English Annotate notes on media text	
9:00am	Geography revision	English lessons			French vocab revision	English lessons	
					Maths Simultaneous equations		
1:00pm	History Essay questions			Science revision day with friends	Maths Simultaneous equations		
	French vocab revision						
1:15pm	Maths Algebra	History Rural through unit 2 notes	Time off		Geography Revise coastal defences	English Annotate notes on media text	
LUNCH	LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	
2:00pm	Science Physics	Art Coursework	Football and golf on telly		Geography exam paper 2 - timed conditions (no notes)	Science Biology	
	Art Coursework					History Essay notes	
3:00pm	Science Capacitors	Art Coursework				Explained revision	
4:00pm	Explained revision	English Complete the essay question			French and algebra	Turning off	
5:00pm	Open	Time off		Open			
6:00pm	Time off	Time off		Time off			
Evening	English Look through unit 1 notes	Maths Formulas		History Make flash cards on unit 2			
		French vocab revision					

Revision

* = revise if possible
= = no revision/break

TIME	MON	TUES	WED	THURS	FRI	SAT	SUN
8:30-4:30	school	school	school	school	school	*	*
4:30-5:00	media	chemistry	media	maths	english	maths*	=
5:00-5:30	english	chemistry	media	maths	english	maths*	=
5:30-6:00	=	=	maths	english	media	=	=
6:00-6:30	english	english	=	=	=	=	=
6:30-7:00	maths	english	=	=	chemistry	=	=
7:00-7:30	=	=	english	chemistry	=	*	biology
7:30-8:00	=	=	physics	chemistry	=	*	media
8:00-8:30	maths	biology	=	=	chemistry	english	=
8:30-9:00	maths	maths	maths	biology	physics	english	=
9:00-9:30	=	=	=	=	=	=	=
9:30-10:00	biology	maths	biology	biology	phys*	=	=
10:00-10:30	media	physics	biology	media	phys*	=	=



Joint Council for
Qualifications^{CIC}

Information for candidates

Written examinations

With effect from 1 September 2023

AQA	City & Guilds	CCEA	OCR	Pearson	WJEC
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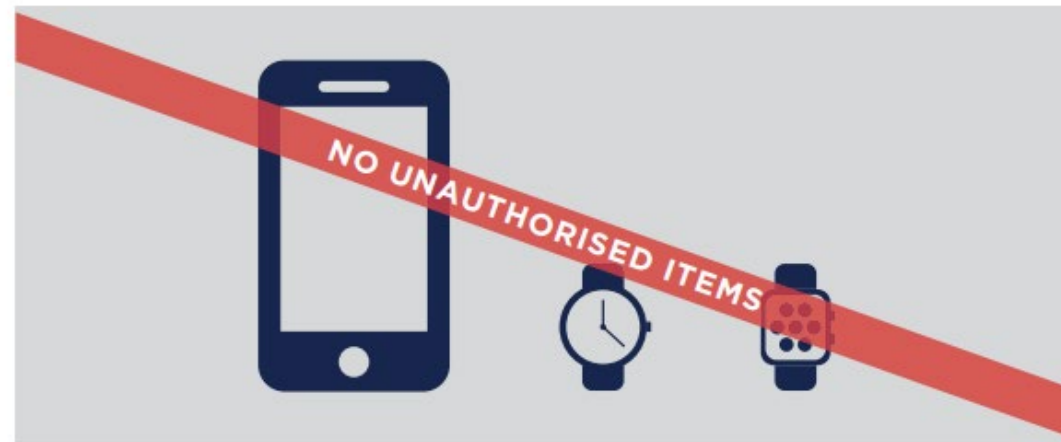
Warning to Candidates

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

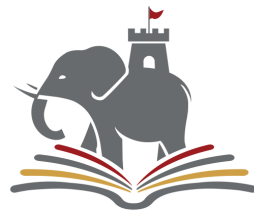
**NO POTENTIAL TECHNOLOGICAL/WEB
ENABLED SOURCES OF INFORMATION**



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.



STOKE PARK
— SCHOOL —

Year 11

GCSE Information Evening

If you have any questions please write them in the chat.

Thank you for your time and have a good evening!