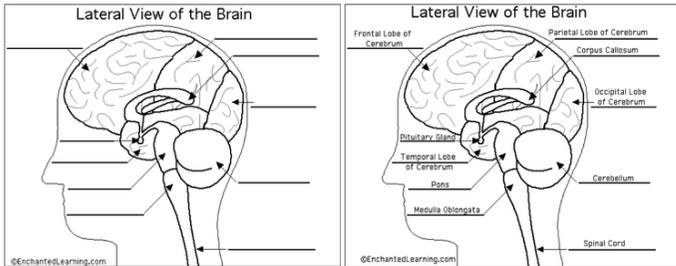


Retrieval Practice Revision Techniques

Simplified Example



What / How

Simple Effective Quiz

1. Work hard to remember the content.
2. Cover notes or answers.
3. Test yourself or ask someone to test you.
4. What did you get correct?
5. What did you miss out / get wrong?
6. Test again after 2 days / 5 days / 2 weeks / 1 month – increase the frequency if errors start increasing.



Summarising

Check understanding – after a period of time (one week) can you still produce a summary of the key content or advantages / disadvantages of a topic?

Can you recall and reproduce written lists or explain to a partner **verbally**?

Can you summarise the:

Strengths and weaknesses

Advantages and disadvantages

Positives and negatives

Advantages	Disadvantages
Reduces consumption of fossil fuels for electricity production	Wind generators are only feasible in certain areas
Reduces production of greenhouse gases	Each wind turbine kills about one bird per year
Reduces production of pollution	Wind generators make a humming sound that can be heard nearby
Can provide extra income for farmers	Wind generators are tall and can block the views of nearby scenery
Wind is a renewable energy resource	

Mind Map

Start from a blank piece of paper.

Draw out the mind map from your notes and add simple doodles / colour to help visualise the content.

How much of the mind map can you recall from memory?

Check against a correct version.

Test and retest until you can remember the full version.

Can you describe it **verbally**?



Tell the story.....



Key Words
Evaporation
Convection
Condensation
Precipitation
Energy
Warm/Cool
Flow
Vapour
Fall/rise

Tell the story

After learning the key content try to create a story that can be written or **spoken** to include the key concepts.

The story can then be rehearsed and improved with greater detail and accuracy.

Brain Dump

Set a time limit (5min or 10min)

Write everything you know about a topic or theme.

For best practice start each sentence on a new line.

Check what areas you missed out and add these at the bottom in CAPITALS or a different colour.

Flash Cards

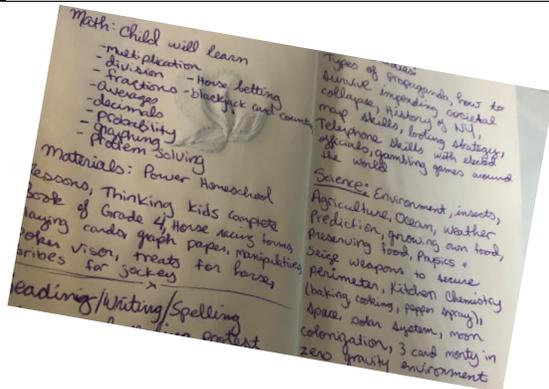
Spend more time testing yourself with them than making them!

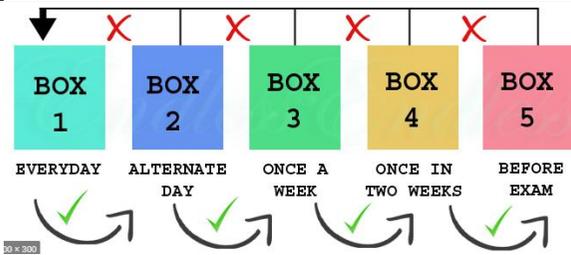
Add the title to the reverse.

Read the title

Before turning over write or **spoken** the key content.

Shuffle the pack to get a different sequence.





Flash Cards – Leitner System

As above
 If card is completed accurately move it up a box.
 If mistakes are made or answers are incomplete move it down a box.

Test yourself every day for cards in box1.
 Every other day for box 2
 Every week for box 3 etc.

What do flash cards include?

- Subject/topic on one side
- Bite-size chunks of information opposite
 - Keywords
 - Definitions
 - Lists
 - For/against
 - Main points
 - Mnemonics
 - Colour-coding
 - Diagrams

Friend / Helper Cue Cards

Use notes / flash cards as cue cards.
 Person1 reads the title, theme or question.
 Person 2 tries to **verbally** explain the relevant content.
 Person 1 helps person 2 with clues and suggestions to complete the card.

16 Describe what is meant by each of the following types of production.
 Give an example of each in your answer.

16.1 Mass production [3 marks]

16.2 Batch production [3 marks]

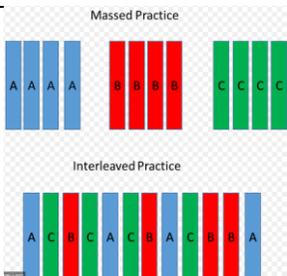
Exam Practice Papers

Consider how long you would set yourself for a whole question or part of a paper.

Practice using the spaces provided.

ALWAYS check using the mark scheme.

Check you have included all the key points.
 That all definitions are the worded as the examination board expects.
 Add any missed content in CAPITALS or in a different colour.



Interleaving

Mix up your revision with shorter blocks of varied content or units.

Massed practice – completing lots of repetition of the same large unit or multiple examples of the same type/focus of question.

Interleaved – varying revision with questions from different units.
 Research shows that intervented practice can be more effective for learning to occur.

Put your phone away during revision.

Start revision early enough to allow retesting.

Have an organised revision planner to set out revision sessions and other activities.

Revise in a quiet environment – **no** background music

Sleep 8+ hours a night – with regular bedtimes!

Exercise regularly / fresh air.

Take regular breaks (5/10 min)

Eat a sensible breakfast.

Highlight command words on the question paper. Jot ideas and plan on the paper before answering the questions.

Focus on activities that force you to retrieve information and test yourself rather than simply rereading or highlighting notes.