

Revision Strategy

Information must be **understood** before it can be learnt and used effectively:

- **Read** through all **your notes** on a topic
- Make sure you **understand** them
- **Organise** the information
- **Summarise** the information

Revision Techniques

Linear Lists:

Rates of Reaction

Concentration

Particle size

Temperature

catalyst

Mnemonics

Can be useful, probably for **selected topics** only

Glossary

- Excellent for learning definitions
- Make glossary for each topic
- Easy to gain definition marks in exams

“**Activation Energy** – minimum energy required by particles in collision to bring about a chemical reaction”

Mind Maps

- Excellent for topic revision
- Easy to see where **concepts link** to others in different units
- The brain **processes information better** in this form
- **Colour** aids memory

Annotated Diagrams

- Good for **chemical processes**
- Use **colour** and add as much **info** as possible

Organising Revision

Drawing up a **revision timetable** will need to incorporate:

- **Initial** revision sessions
- **Consolidation** revision sessions
- Plan topic to **fit in with sessions in school**
- **Start** with a topic you **know fairly well**
- **Next**, do one you feel **less sure** about

Planning Breaks

- 30 – 35 min learning
- 5 min break
- After 4 sessions – longer break – 20min
- Incorporate treats

Try to be self disciplined!!

Initial Revision Sessions

- Creation of revision notes

Possible strategy:

- Select topic
- Create mind map of what you already know
- Preview topic notes
- Create mind map or other summary

Review Sessions

At the start of the next session:

- Scribble **mind map** from **memory**
- **Compare** both versions
- Look for **errors** and **omissions**
- **Amend** using another colour

Consolidation Revision Sessions

Similar to review sessions:

- Scribble **summary** from **memory**
- **Compare** with original
- **Annotate** where necessary
- **Apply knowledge** – do exam questions

Exam Technique

- 1 mark per minute – time guide
- Scan paper
- Allocate time per question
- Try easiest question first ?
- Decide on the strategy that suits you
- Ensure time is left for essay questions

Exam Technique

- Read question carefully
- Look at terminology
- Look at mark allocation
- Think about answer
- Write answer
- Read question again
- Check answer gains all possible marks

Exam Terminology

- Follow the instructions in the question
- Understand what the terms require
- Describe how you.....
- Suggest....
- Explain / Account for

Less Structured Questions

- Plan time allocation
- Read question carefully
- Think about mark allocation
- Make plan
- Read question again
- Write answer
- Read over and check number of marks gained

Choose a topic:

*Rates of reaction, Atomic Structure, Groups 1 + 7,
Acids, Bases and Salts, Solubility, Reactivity Series,
Chemical Analysis*

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