

Revision Guidance

“If you think you can,
you can,
If you think you can’t,
you can’t!”
Henry Ford



Top Ten Revision Tips

1. Short bursts of revision (30-40 minutes) are most effective. Your concentration lapses after about an hour and you need to take a short break (5-10 minutes).
2. Find a quiet place to revise - your bedroom, school, the library - and refuse to be interrupted or distracted.
3. Make sure you don't just revise the subjects and topics you like. Work on your weaker ones as well.
4. Make your own revision notes because you will remember what you have written down more easily. Stick key notes to cupboards or doors so you see them everyday.
5. Rewrite the key points of your revision notes; read them out loud to yourself. We remember more than twice as much of what we say aloud than of what we merely read.
6. Use different techniques. Make your own learning maps, use post-it notes to write key words on, create flash cards. Record your notes on tape and listen to them back on your Walkman. Ask friends and family to test you. Use highlighter pens to mark important points. Chant or make up a rap song.
7. Practise on past exam papers or revision tests available on the web. Start by doing one section at a time and progress to doing an entire paper against the clock.
8. You will need help at some stage, ask parents, older brothers and sisters, teachers or friends. If there is a teacher with whom you get on well at school ask for their e-mail address so you can clarify points you are unsure of whilst on study leave. Use websites specifically designed for revision.
9. **Don't get stressed out!** Eat properly and get lots of sleep!
10. **Believe in yourself and be positive.** If you think you can succeed you will; if you convince yourself that you will fail, that's what will probably happen.



Effective revision

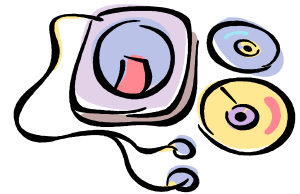
To be effective, revision must be:

- **Active** - always work with a pen and paper, look for key points, and test yourself. Never just sit down and read for a set period. Focus on tasks, not time. If you just read notes you'll only retain about 10% of the information.
- **Organised** - always ask yourself at the start of a study session "what do I want to have completed in this session?" Have a plan for what you want to cover this week and this month. Have an overview of the priority areas in each subject.

Getting started on revision

Where?

Find a fixed place to study (a particular desk/room at home, a spot in the library, etc.) that becomes firmly associated in your mind with productive work. All the equipment and materials you need should be within reach, and the room should be well lit and ventilated, but not too comfortable! Turn your room into a positive learning environment. Keep books and notes on the desk to a minimum and decorate your walls with colourful notes and key facts. Music is fine as long as it helps you to study and blocks out distracting noises. The very best sound to study to is thought to be that of Baroque composers or Mozart. Experiments show that brains are positively stimulated and IQs boosted by such music.



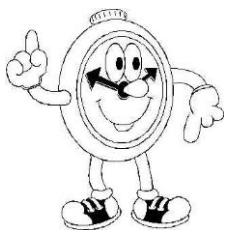
What?

Remember that it's all about being active and *focused on tasks, not time!* Know at the start of a session what you want to have completed by the end of the period. Make the tasks specific and realistic, not vague and large.

How?

Always work with a pen and paper at the ready. Getting started is often the most difficult bit, so start by 'doing'. It usually helps to begin with a subject you like, move on to other less favoured areas, and then finish up with a favoured topic to maintain the interest.

When?



Try to schedule your study for times when you are more mentally alert. Most people find their ability to focus deteriorates towards the end of the day. Getting revision done earlier in the day aids efficiency and also offers the reward of having time to relax after the work is done.

Why?

Test your progress at the end of a study session. Ask yourself "what have I just learned?" Review the material covered in your revision session. Merely recognising material isn't enough - you must be able to reproduce it without the aid of the book or notes.

REVISION - Do's and don'ts

DO

1. Make a list of all the topics you need to revise:

Each subject that you are studying can be broken down into its constituent parts, with main sections, sub-topics and supporting details. A very useful start is to list out all the topics on the course according to this hierarchy and use this as a 'revision checklist' for the subject. Tick topics off as you've learnt them.

2. Create a realistic schedule.

Block the waking part of each day into three portions. Allow yourself one portion a day off and allocate subjects and topics to the remaining two. Put the schedule on display so that your family can see when you are available. It will also reassure your parents that you are in control.



3. Plan ahead by working backwards

By using revision checklists in your various subjects, you should know what quantity of material has to be covered over the coming months. Start from the final date (end of May) and divide your revision up week by week, allowing some flexibility for unforeseen delays. Surprise yourself by being ready in time! Use the timetables and other sheets you have been given.



4. Revise using your preferred learning style.

Have you tried....mind maps, diagrams, colour, mnemonics, recording yourself and listening back to it, rewriting your favourite song using your revision notes for a topic as the words, walking round (Great for kinaesthetic learners – try read out the positive effects of X standing on the left hand side of the room and negative effects on the right hand side).

DON'T

Just keep going! The body and the mind need regular 'time-outs'. When you're tired, concentration is more difficult, you get distracted much easier and learning and memorisation is less effective. There comes a point in an evening study session when it is counter-productive to stay at the desk - nothing is going in and you are only tiring yourself further. Use breaks effectively, particularly after completing a task.

Learning styles

Know how you learn best and then you can revise in ways that suit your style. The most successful learners use all three.



Visual learners prefer to:

- ❖ Draw pictures and diagrams
- ❖ Colour code their work
- ❖ Use different coloured paper, pens etc
- ❖ Use their own system of symbols etc
- ❖ Create images and scenes in their minds

Auditory learners prefer to:

- ❖ Say their work aloud
- ❖ Give presentations to an imaginary audience
- ❖ Record notes on a tape recorder
- ❖ Use silly noises to remember things
- ❖ Hear the information in their mind
- ❖ Play instrumental music



Kinaesthetic learners prefer to:

- ❖ Do actions when learning key facts
- ❖ Walk about when learning
- ❖ Find it harder to sit at a desk
- ❖ Add emotions and textures to exaggerate information
- ❖ Try to experience what they are learning

How should I revise?

Try one of these.....

A: MIND MAPS: Make mind-maps or association maps rather than taking linear notes. Mapping your notes by radiating key words out in a pattern of links from a central point will make best use of your memory. If you use colour and images on the maps, you'll be harnessing the power of both sides of your brain - creative and logical.

How to mind map:

1. Start with the theme in the middle of the page.

2. Then develop your main idea.

3. Each branch must relate to the branch before it.

4. Use only key words and images.

5. Key words must be written along the branches.

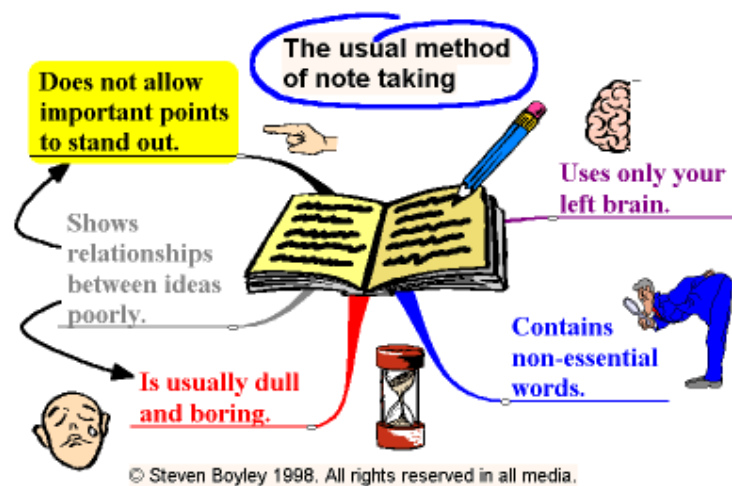
6. Printing your key words makes them more memorable.

7. Use highlighters and coloured markers to colour code branches.

8. Make things stand out on the page so they stand out in your mind. (This doesn't show up well on a black and white photocopied booklet! You should use a different colour for each main branch and all its sub-branches)

9. Brainstorm ideas. Be creative.

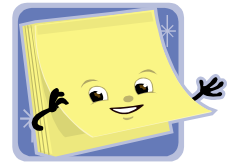
10. Design images you can relate to which will help you remember key information.





B: Read intelligently. Spend five minutes flipping through a book or your notes looking at headings and summaries. Then attempt to mind map what you have spotted and what you can remember.

C: Use cards. Write questions on one side and answers on the other. Then get your family to test you. Merely creating the cards will help your recall. You can also use them to test yourself when faced with 'dead' time at bus stops or waiting for someone.



D: Physical learning: Use the environment Use a different room for each subject.

- ❖ Notice aspects of the environment such as the light or feel of the room - how do you feel in that place?
- ❖ Attach your notes to the furniture. Notice their location.
- ❖ Associate a different location with each subject. Associate furniture, windows, plants and ornaments with particular topics.

E: Condense. Fitting notes onto one side of paper makes them easier to stomach, so rewrite and cut down as you go.

F: Highlight. Target key areas using colours and symbols. Visuals help you remember the facts.

G: Record. Try putting important points, quotes and formulae on tape. If you hear them and read them, they're more likely to sink in.



H: Talk. Read your notes out loud, it's one way of getting them to register.

I: Test. See what you can remember without notes, but avoid testing yourself on subjects you know already. Why not ask someone else to test you?

J: Time. Do past exam papers against the clock, it's an excellent way of getting up to speed and of checking where there are gaps in your knowledge.

Making Your Notes Useful

The purpose of making summary notes on a topic or section is to aid your overall understanding of material, to help you distinguish between what is really important information (*depth*) and what is merely supporting *detail*. Reference to the main syllabus topics will help the process of discernment within each subject.

In addition, good summary notes make retrieval of information quicker and easier.

- **Sort out your filing system**

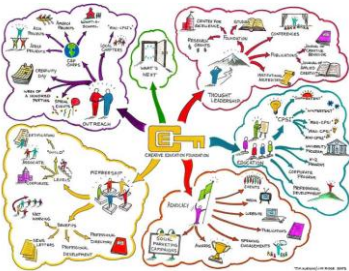
If you haven't already done so, get your subject folders and notes organised immediately. Invest in some ring binders, dividers, plastic pockets, etc. Have a separate folder for each subject (a permanent reference point) and then keep a 'current folder' for managing notes in progress.



- **Less is always more**

When writing notes, remember they should contain a summary, not an extensive repetition of what is in the textbook. Don't crowd the page. Stick to main headings and sub-headings. Use abbreviations where appropriate. Try to reduce what you need to know on the topic down to one A4 sheet. Once you have an overview, it is easier to fill out the detail.

- **Make your notes visual**



Ensure your notes have a memorable appearance so that you can recall them easily. Use illustrations, diagrams, graphs, colours, and boxes ('a picture is worth a thousand words'). Arrange the material in a logical hierarchy (title, sub-point, explanation, and example). Ideally, you should be able to close your eyes in an exam and visualise a particular page of notes.

- **Beware of transcribing and highlighting!**

Merely re-writing the text from the book into your notes does not ensure retention. Try to put things in your own words and devise your own examples - this will make the material more meaningful. Only use the highlighter pen AFTER you have previewed and questioned a text, thus ensuring you identify the most important material and you avoid the creation of a fluorescent textbook!

- **'Save' your notes carefully**

Practice following the logic of your computer files, when storing information. Think - "Where does this material best fit (subject, section, topic, sub-topic, etc.)?" In this way, you will ensure that it is efficiently processed and easily retrieved both physically (during revision) and mentally (when you need it in an exam).

Here are four golden rules to apply to all your GCSE papers:

1. Allow time to read the paper carefully

The importance of reading the paper carefully and choosing your questions wisely cannot be emphasised enough at this stage. The natural inclination is always to start writing immediately and launch into a favoured topic. Resist the urge. Take your time. Be smart and size-up the paper before answering.

2. Stick to your game plan

An overall strategy should have emerged from your revision and exam preparation in each subject. This covers the areas you will tackle, the topics you will avoid if they appear on the paper, the sequence in which you will tackle the various sections, the style of answering you will employ in each subject, the amount of time you will allocate to answering each section. In some cases, this plan will work like a dream but there will always be surprises to deal with in some papers. Don't get flustered. Stick to your game plan, trust your judgement, and move on.

3. Sweep up any mistakes

In the pressure of the exam hall, it is easy to make elementary errors. These will sometimes have the potential to lose you a lot of valuable marks. Misreading the instruction on a question can render an entire answer invalid. You might have known the correct answer, but you didn't put it down. A simple miscalculation can lose you valuable time as you try to figure out the balancing item. Be disciplined with your time. Always leave a few minutes at the end to tidy-up errors. Simply changing a definition / formula / calculation at this stage could be the difference between a good and an average grade.

4. Attempt all questions

It is amazing how many exam scripts are handed up unfinished. Every year, capable students who just didn't get time to finish the paper lose easy marks. Don't fall into this trap. Work on the basis that you will get an answer written for the required number of questions. Remember that it is much easier to get the first 20% of the marks for any question than the final 5%. You can always polish an answer further but, if there is no attempt made at part of a question, the examiner can't give you any marks. BUT if the instructions on the front of the paper tell you to answer a certain number of questions – stick to this - don't answer too many!

