

Revision resources

Collins online

Next term you will have login access to the text books online.

Revision guides

Purchase the revision guides on arbor

Online resources

<http://www.bbc.co.uk/education/subjects/zrkw2hv>

<https://revisionworld.com/gcse-revision> (Choose Biology, Chemistry or Physics - NOT the Applied Science)

<https://www.youtube.com/user/myGCSEscience>

<https://www.youtube.com/user/virtualschooluk>

(the fuse school videos are not designed for the GCSE so be aware you don't always have to know the level of detail in the videos)

Revision tips

- **DO NOT just read your notes**
 - This is passive learning and will not help you remember the large volume of information you need to know for your exams.
 - Instead of reading your notes, condense them into smaller “chunks” that are easier to remember and then get a friend or family member to test you.

- **Use mind maps to prepare for 6 mark questions (particularly Biology)**
 - Use your notes/textbook/ online resources to make a mind map of a topic.
 - On scrap paper, attempt to recreate the mind map from memory,
 - Keep doing this until you can draw the mind map completely from memory twice in a row.
 - When you get a 6 mark question on that topic, you can use your mind map to plan your answer.

- **Learn the meaning of key terms - this is particularly important in Biology**
 - Learning key words is not a difficult task but it requires a lot time.
 - Write the word and definition on scrap paper until you can remember it completely from memory twice in a row.
 - Alternatively get friends or family to test you.

- If you are still struggling with certain words, stick post its of the word and its meaning in key places around your house (the bathroom mirror, the fridge door etc). This will help embed the meaning in your memory.
- **Practice exam questions - particularly look at exam questions involving the required practicals.**
 - You will have access to the collins online textbook - use the end of chapter questions to test your knowledge.
 - CMc and TC have made folders with past exam questions to help you practice - email and request access if you haven't already done so.
 - Revision books are on sale - use the practise exam questions.
- **Practice Key skills - in Physics and Chemistry, there are a lot of marks available for calculations and word/symbol equations**
 - Ensure you know how to write word and symbol equations (there are help sheets in the folders)
 - Familiarise yourself with the equations and practice using them.

Exam tips

Pace yourself

- 1 mark = 1 minute
- If you are struggling with pace in assessments, do the questions you can do first. Then go back over the more difficult questions.

Required practical questions

- Approx 15% of your exam will be about required practicals.
- If you are struggling to understand the question, follow these steps to so that you understand the aim of the investigation
 - What is the independent variable?
 - What is the dependent variable?
 - What are the control variables?
- Remember, you can be asked to plan an investigation, assess risk, interpret and evaluate results.

Calculations

- **SHOW YOUR WORKING OUT** - you get marks for correct method even if the answer is wrong. Plus, if you show each step clearly you are less likely to make a silly mistake.

- If you are unsure what the question is asking you, then underline the numbers they give you and write down what you know. That way you can identify the missing information you need to find.
- Remember to check the formula sheet - you don't have to learn everything by heart.
- Use standard units - convert g to kg, KJ to J etc where necessary.

6 mark questions

- PLAN YOUR ANSWER
- You get deducted marks for illogical answers and poor spelling and grammar therefore planning is essential!
- Use the format below to help structure your answer.

