

Science

How to help your child in Science

AQA Triple science (separate Sciences)

and

AQA Trilogy Combined Science (Double Award)

Start Now.....

- ▶ Start Science revision now!
- ▶ Little and often
- ▶ Reduces stress levels as exams get nearer.
- ▶ There is so much content and skills to revise that students cannot cram last minute and do themselves justice.

Lets discuss the issues

▶ Science issues

- ▶ Start a discussion, just ask your child to explain what they think about a current affairs issue that relates to science. Get them to discuss the science behind their opinions and explain why we need to think about these issues.
- ▶ Ideas could include:
 - ▶ Should we be allowed to have “designer” babies?
 - ▶ Is cloning plants and animals the best way to reduce world famine?
 - ▶ What is the Greenhouse effect? And what impact will it have on our lives?
 - ▶ Are electric cars really more eco friendly than petrol/diesel cars?
 - ▶ What’s beyond our solar system and is there life elsewhere in the universe?
- ▶ Look through the online textbook (Collins Hub) and revision guides to get sources of inspiration.

Using revision materials on Teams and our online textbook

- ▶ Students have online access to the text books we use at GCSE. This is to allow for complete access to all material whilst away from school.
- ▶ This can be accessed from the publisher's website
- ▶ <https://collinshub.co.uk>
- ▶ Class Teams will have a lot of additional materials to help students. For example: help sheets, revision placemats and checklists as well as past papers to practice.

Revision Guides and Apps

- ▶ We recommend the **CGP** revision guides, workbooks and mobile apps.
- ▶ The CGP mobile apps provide a great way for students to have access to revision on the go. Lots of quizzes help check their knowledge and understanding of all the topic covered.

Other Revision Resources

- ▶ **BBC Bitesize** has fantastic resources from revision notes to video, interactive tasks quizzes and tests.

Ensure you click on GCSE then select either combined or separate science tabs and then onto the AQA specific material.

- ▶ **Freesciencelessons** on Youtube are a great series of short video's covering every topic in our specification.

Using Key words

- ▶ Use the online textbook or revision guide to find key words - these are usually in the Glossary or highlighted in **bold** type.
- ▶ Ask your child what a key word means and ask them to put it in a context to help you to understand the word.

How to tackle 6 mark questions

These are the questions that scare students!

A lot of students just miss them out meaning they have lost a minimum of 18 marks before they even start.

- ▶ The question normally looks quite wordy. Some questions will include pictures or diagrams or will be about the required practicals.
- ▶ It is vital that students read **ALL** this information fully.
- ▶ All of AQA's exam papers have the same format, so the exam paper that the students sit will look the same as any practice papers that they've completed. This makes past paper practice essential. At least this means they won't get a nasty surprise when they sit the exam for real.

How to Help with Exam Questions

- ▶ This is where discussing science ideas and principles really helps students to link ideas and think about different factors and aspects involved.
- ▶ Plan the key points of a 6 mark question before they start to write.
- ▶ Use the **PEE** (point, explain, evaluate) method
- ▶ Point - what is the key point
- ▶ Explain - Explain what the point means, how it works, what **effect** it has
- ▶ Evaluate - Why is this point important, what **affect** does it have.
- ▶ Look at the **command words**, do they need to state advantages and disadvantages or compare and contrast or just state.

Past paper practice

- ▶ This is essential!
- ▶ Past papers including legacy papers are available on the AQA exam board web site.
- ▶ Use the mark scheme - see what you got correct/incorrect. Look at how the answers are structured, what key words were required.
- ▶ Ask the teacher - bring the papers in if you are unsure about any self marking issues.
- ▶ Look over the areas that you did not do so well in - these are your priority for revision

Past Paper Practice

- ▶ DO NOT Learn Mark schemes - Learn the Science

Any Questions?

If you have any further questions please contact your child's science teacher in the first instance then Miss Hurrell, Director of Science