

Science

How to help your child in Science

AQA Triple science

and

AQA Trilogy Combined Science (double award)

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 and revision guides to get sources of inspiration.

Tassomai

[Tassomai parents support session 2019.pptx](#)

Using revision materials on Moodle 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 publishers website www.connect.collins.co.uk
- ▶ The school Moodle site has a lot of additional materials to help students. There are help sheets and 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.
- ▶ Revision guides can purchased from school - order forms are available from Miss Hurrell in Lab 8
- ▶ 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.

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 science 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 practical's.
- ▶ 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

- ▶ 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 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!
- ▶ All past papers are available on Moodle - These are mostly legacy papers as the course is relatively new.
- ▶ Use the mark scheme - see what you got correct/incorrect.
- ▶ 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

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