



Independent Learning in Applied Science



After each lesson, in addition to completing any set work, a pro-active, independent learner would...

- Ensure that notes are completed from the lesson.
- Read through any handouts provided.
- Try to summarise the content of the lesson in note or diagrammatic format to diagnose lack of understanding.
- Try to commit factual information to memory immediately, rather than leaving it until revision.
- Make sure that they understand the teacher explanations before starting the assignment/coursework tasks.
- Match the content of the specification against lesson notes/content to ensure that all points are covered.
- Make sure that they understand the Pass, Merit and Distinction tasks and know where to access all the relevant help information.
- Use the HAVE YOU DONE ... BEFORE HANDING IN sheet for each assignment before submitting work to their teacher.



Resources to help you study

Most key resources, such as the specification for your course, data sheet, past papers, etc. can be found in Handouts\Science\SLD\Applied Science. Some additional resources to help you are as follows:

Resource	Description
GCSE Revision guide Issued at the start of the year Or BBC Bitesize online	Consider revising GCSE content to secure your understanding at Level 2 before moving to Level 3. You will find it hard or impossible to build on poor or incomplete scientific ideas from last year.
www.chemguide.co.uk	The best resource for chemical explanations online full stop.
PhET simulations (https://phet.colorado.edu/en/simulations/category/physics)	Can really help visualise processes. Most simulations are interactive and you can see the effect of changing variables.
https://studywise.co.uk/a-level-revision/biology/	A great site with Biology notes and past paper questions. It also covers Chemistry and Physics too.
Material from lessons or additional material to support the lesson	Found in Handouts V:\Science\SLD\Applied Science

Stretch yourself

Unit 3 is all about Science in the modern world. You will have to answer an exam on a scientific issue that has been released before the exam. AQA will pick this topic from science that has been in the news within the last 6 months. Keep abreast by regularly reading http://www.bbc.co.uk/news/science_and_environment.