



# Science

In Year 9, students study a GCSE foundation course in Science. This is a preparatory course designed for progression onto the Edexcel GCSE Science courses in Year 10.

The course is broken up into four units of study: KS3 Biology, Chemistry and Physics and then after the Easter Holiday, pupils begin the first GCSE topic. Students will sit regular end of unit tests which will be significant for the setting of students in Year 10, as well as confirming their eligibility for the Separate Science option in Years 10 and 11.

## Parental Support

- Active Learn is a website for homework, revision & independent learning for Edexcel Science ([www.pearsonactivelearn.com](http://www.pearsonactivelearn.com)). It is matched to the Edexcel specification so all material is relevant to your son/daughter's Science course. It includes a range of guided, interactive learning activities that include short and extended answer questions. It provides instant automated marking and feedback as well as an online textbook for each unit of study which can be annotated. There is also a tracking screen to show your son/daughter's progress and attainment. Your son/daughter has a username and password to access the website which was given to him/her by his/her Science teacher. Your child has received training on how to use the website in order for him/her to maximise its potential. Please encourage your son/daughter to use this resource beyond activities that have been assigned by his/her Science teacher.
- The Priestnall VLE ([www.priestnall.stockport.sch.uk](http://www.priestnall.stockport.sch.uk)) has revision resources for every GCSE unit taught. There are also exam tips and many other helpful support areas.
- Encourage the use of revision websites such as:
  - [www.samlearning.com](http://www.samlearning.com)
  - [www.bbc.co.uk/revision](http://www.bbc.co.uk/revision)
  - [www.s-cool.co.uk](http://www.s-cool.co.uk)
  - [www.gcsescience.com](http://www.gcsescience.com)
  - [www.schoolscience.co.uk](http://www.schoolscience.co.uk)
- *Other electronic resources include:*
  - Apps <https://apps.cgpbooks.co.uk/home>.
  - Revision creation websites: [www.cram.com](http://www.cram.com) [www.flashcardmachine.com](http://www.flashcardmachine.com).
- It is important that you and your son/daughter know what his/her target grade is for the end of Year 9. This target grade should be displayed on the front of every Science book, along with "Working At Grades" (WAGs) for the entire year. This information will help you to determine how close your son/daughter is to achieving his/her target grade at key points.
- Year 9 will use the same Key Stage 3 revision guides that were available during Years 7 & 8. If your son/daughter didn't purchase one in previous years, they are available from the school library at a cost of £5.50.
- Encourage your son/daughter to attend their Science teacher's weekly "Office Hours" for extra support.
- Encourage the creation of a revision timetable well before the exam dates.
- Help your son/daughter create individual revision materials (i.e. mind maps, flash cards, revision notes etc). These can also be created online by using websites such as [www.cram.com](http://www.cram.com) and [www.flashcardmachine.com](http://www.flashcardmachine.com).

Ensure that all classwork and homework is complete and to a good standard. Please use [www.showmyhomework.co.uk](http://www.showmyhomework.co.uk) to keep up to date on homework tasks that are set by your child's Science teacher.