



## SCIENCE

Home Learning is an important part of Science and has many functions, one of the main ones being to reinforce skills, concepts and information learned in class. It can be used to prepare students for upcoming class topics and help them feel more confident in the material they are learning.

To succeed in Science we encourage students to work independently, as well as, collaboratively and tasks at home can give students the chance to explore topics that interest them. Homework helps to develop self-discipline and encourages students to take initiative and responsibility for completing a task. Crucially for exam success homework can provide the time for the practise of exam technique.

Alongside work that is specifically set by the teacher, we encourage students to seek out wider reading or activities to enrich their understanding of Science. There are many websites and Youtube channels that support Science and teachers are always happy to make recommendations. We encourage the use of [www.senecalearning.com](http://www.senecalearning.com) as a way of doing structured revision for all Phases.

The Youtube channel 'Free Science Lessons' provides excellent, short and easy to understand video clips that help to revise the GCSE courses. The Science Faculty also subscribes to [www.focuselearning.co.uk](http://www.focuselearning.co.uk) which provides very useful simulations of the GCSE required practical work. Again, teachers will provide the login details.

We recommend parents investigate the available revision materials for each Phase to support home learning. The Faculty highly recommends [www.cgpbooks.co.uk/secondary-books](http://www.cgpbooks.co.uk/secondary-books) where you can find revision guides, practise questions, exam practise, help with maths skills, revision flash cards and other revision materials.

Home learning tasks will be set and monitored through Class Charts. They will be set regularly and will in general will be equivalent to around 30 minutes per week for Foundation years' classes; Pathway years will have around 2 hours per week split across Biology, Chemistry and Physics. At Post 16 the out of lesson learning will include the Directed Study time and the expectation is that students develop an independent work ethos where they are seeking out learning opportunities throughout the week. For Post 16 the work set to complete will focus on exam practice and/or completion of coursework and will be equivalent to around 2-3 hours per week.

For additional support of out of lesson learning the Science Faculty have staff available to provide help and advice at the end of lessons or at pre-arranged times if there are any queries about work that students are struggling to complete at home or independently

As a department we use Educake to set homeworks and this also has a 'Test Yourself' function to help generate revision questions.