



What will Year 7 students learn and how many lessons will they have each week?

Students in Year 7 will have 3 one-hour lessons per week. Students are introduced to some fundamental ideas in Biology, Chemistry and Physics. These include cell structure and microscopy, separating techniques and the particle model, chemical and physical changes, acids and alkalis, energy, and the solar system. Investigative skills are a key part of all taught topics.

What will Year 7 students need to bring with them to lessons?

The standard classroom equipment is needed for science lessons. A sharp pencil, ruler and calculator are important for mathematical and graphical work. You also need to bring enthusiasm and an inquiring mind!

Will Year 7 students have homework in this subject? How much?

A homework booklet is issued each half term with a weekly homework task linked to the content of lessons. This is issued via email at the beginning of each half term. Teachers will explain how work is submitted and which pieces are being formally assessed.

How can I support my child at home with their learning in this subject?

Encourage further reading and engagement with the topics being studied. Ensure students meet deadlines for homework and question them regularly about what they are learning. Encourage your child to visit institutions such as The Natural History Museum and The Science Museum, either in person or via online virtual tours.

What opportunities are there for further study and careers in this subject?

Currently, in year 9 and 10, students move on to study OCR Gateway Combined Science GCSE. Some students will have the opportunity to study Separate Science GCSEs (Biology, Chemistry and Physics) in year 11. However, most students will continue with Combined Science to the end of year 11. Both pathways allow students to go on to study A level sciences, and we have a strong uptake of all three sciences at A level. Studying science subjects can lead to a variety of careers such as engineering, medicine, biomedical sciences and other careers which require scientific and mathematical training.

How much practical work is involved?

Students are taught in specialist laboratories and practical work is a fundamental aspect of studying science at Denbigh. Year 7 students are trained in basic laboratory skills, including health and safety, using Bunsen burners, using microscopes, and manipulating standard laboratory equipment. This provides a foundation which allows them to develop their practical skills further as they move through the school.