



## Science

Science at Synergy is currently a three-year course from Years 7 to 9. It is taught as a core subject and includes Biology, Physics and Chemistry. Our **iGCSE** remains a two-year course. The curriculum is built to support both the transition from primary and to build the skills needed for academic study.

Science is an incredibly diverse subject which fosters **innovation, imagination** and **critical thinking**. It is the study of the world around us and our place within it. As a school of young athletes, a key focus of our science programme is centred around or related to sports and the physical body. Our young students need to engage with scientific advancements and question their efficacy, efficiency and future. Our Science curriculum aims to start a lifelong dialogue with these and other issues.

### Topics studied include

Earth

EcoSystems

Energy

Genes

Reactions

Forces

Matter

Waves

Magnetism

### Our Ethos

They are taught by fully qualified English teaching staff. Due to the nature of our school we are able to cater for the very individual needs of our students. They can work at a pace that suits them and in the knowledge that they are making progress. We record progress daily, give feedback on targets daily and our online learning system also gives immediate feedback. Students' progress through units of work according to their own abilities. Class sizes of 8 or less ensure that learning is challenging, relevant, progressive and most of all fully supported. With all students able to receive individual attention each and every lesson. The modules fully prepare students for the challenges at both **iGCSE and A-Level**.

Students receive immediate feedback on all tasks and it is our belief the immediacy of this information works as a tool for encouragement, focus and progress supporting each student's individual learning journey.