

Science: Science opens your mind to the way the world works and equips young people to shape the future. We want to enthuse our students about current affairs and new developments in science and give them a passion for the world as they see it in their own eyes. We want our students to be curious about the world around them and question why things happen as they do.

Our curriculum is building towards what pupils will know and be able to do. For example, students will be confident to sit their GCSE exams but at the same time, students will think beyond their own experiences in science. We want them to develop an understanding of the **nature, processes and methods of science** through different types of scientific enquiries that help them to answer scientific questions about the world around them. At the same time, it addresses social disadvantage by addressing gaps in pupils' knowledge and skills and is fully inclusive.

We want to ensure that students are equipped with the **scientific skills** required to understand the **uses and implications** of science, today and for the future. We understand that it is important for lessons to have a skills-based focus, and that knowledge can be taught through this. We have a real focus on key scientific skills and concepts that we drive in terms of the assessment objectives, which allow students to demonstrate knowledge, analyse information and develop ideas of scientific ideas, techniques and procedures. They learn how to apply and analyse information to go beyond what is being taught and prepare them for the world of work.