



Science Curriculum

St Paul's Way Trust School is a Faraday Science School. Science is at the centre of the curriculum and it is why we offer a challenging, intriguing and investigative based syllabus. Central to this, our Year 7 'Faradays' allow pupils to study science for an entire day once a fortnight. We use these opportunities to allow pupils to delve deeper into the scientific process using a variety of external speakers and trips to enrich their experience. At the core of Faraday Science is the idea of learning through investigation.

At KS3 we are offering a new and rigorous curriculum that will prepare pupils for more challenging GCSEs. Topics studied include cells, body systems, materials, forces and energy.

At KS4 we offer two pathways: GCSE Combined Science (Trilogy) or the Triple Award pathway.

At KS5 we offer pupils the unique experience of learning in the SPWT Science Research Centre which was designed by Queen Mary, University of London, to university standard specifications. We offer Physics, Chemistry and Biology and have a track record of excellent results across all three subjects. In the past four years our students have gained places at top Russell Group universities to study a range of scientific subjects. These include Medicine (Balliol College, Oxford and King's College London), Mechanical Engineering (Queen Mary, London), Mechanical Engineering (Jesus College, Cambridge University) and Chemistry (UCL). One of our successful physicist went on to read Physics at Lady Margaret Hall, Oxford and another secured The Barts & The London Medicine scholarship worth £75,000.

Across all the Key Stages we look to make frequent use of our relationships with our Trust Partners, in particular Queen Mary, University of London, with whom we have developed an Authentic Biology project which enables our sixth formers to carry out exciting joint research with academics.

The importance of science to the SPWT experience is well illustrated by our annual Science Summer School which is hosted by our patron, Professor Brian Cox OBE.