Matravers School
The Science Department

Science at Matravers

Science is pivotal in our vision for World Class Education at Matravers. It offers students the opportunities to develop enquiring minds, scientific reasoning and numeracy skills.
Our department has been renowned for providing extensive opportunities for pupils to meet Scientists through the delivery of bespoke workshops, talks and visits, capturing the imagination of our learners and inspiring them to follow future career paths linked to science.

The Department

Our team comprises of enthusiastic specialist teachers, dedicated to the experience students receive and the progress they make. We place a high value on the department and therefore it is well resourced with interactive technology, online learning subscriptions and it resides in our brand new, £8 million, teaching block. We have nine state of the art Science laboratories spread over two floors. The rooms have been designed for flexible seating, enabling a wide range of teaching activities and seating layouts. The rooms are serviced by two prep rooms, which are staffed by an excellent team of technicians.

Curriculum Provision

At Matravers, we constantly review the curriculum offer to ensure that it is well matched to the students' abilities, enabling them to successfully develop high quality subject specific and transferable skills as well as exam success. Our intent is to inspire students to love science and to deliver experiences that they will cherish.

The science curriculum intent is centred on students developing enquiring minds and exhibiting a deep curiosity about the natural world. We want our pupils to understand how science ideas can explain phenomena both in every day and in novel context.

At Key Stage 3, students are organised into teaching streams based on ability. We follow a 3-year Mastery scheme of work, which aims to engage students in Science with a particular emphasis on practical investigations and developing scientific enquiry skills.

At Key Stage 4 students follow GCSE AQA Combined Science (Trilogy) and AQA Separate Science. Pupils are able to choose Separate Science as a discrete option subject through the options process, which takes place in year 9.

At Key Stage 5 students, follow AQA Biology, Chemistry and Physics.

Extra-Curricular Provision

The department has always offered a rich extra-curricular provision and colleagues are encouraged to introduce new and exciting opportunities. In recent years, our students have benefitted from well attended after school clubs, such as STEM Club.

As a school, we value enrichment student's gain from visits, locally and globally, encouraging and supporting teachers to take lead in running one. Recently our learners have visited Ashton Gate for the Science Live talks and we are attenders of the Big Bang Science Fair at Birmingham NEC.