

TRING SCHOOL

SCIENCE DEPARTMENT

STAFFING AND STRUCTURE

The department is staffed by the equivalent of 11 full-time teachers most of whom teach the full range of age and ability within the school. The Head of Science has overall responsibility for the work of the team. In addition, three Assistant Subject Leaders have responsibility for Key Stages 3, 4 and 5 respectively.

The Science team includes four experienced laboratory technicians and administrative support.

ACCOMMODATION AND RESOURCES

Science lessons are taught in laboratories with a focus on practical work. We have brand new facilities with 11 brand new teaching laboratories. As of March 2021 we were awarded the Platinum Science Mark which reflects our good, excellent and outstanding practice.

Every teacher is issued with a chromebook and every classroom in the school has an integrated data projector connected to the school ICT network, with a wide range of software available. Every student also has a chromebook for use in lessons.

COURSES

At KS3 we teach based on the four areas of Independence, Curiosity, Determination and Communication to build confident and skilled scientists of the future. This is based on work done by the department on 'building learning power'

At Key Stage 4 the majority of students study two Science GCSEs for about 20% of curriculum time. We also offer the extra GCSE as an option subject in Year 10 to allow students an extra 5 hours of science study time.

AS and A2 groups exist in Biology (AQA), Environmental Science (AQA), Chemistry (OCR) and Physics (AQA), maintaining a strong tradition of sixth form science within the school outperforming many other areas of the school and with high attainment compared to national figures.

We also offer students the chance to take part in science workshops at all key stages. We facilitate a STEM event led by sixth form students catering for our Key Stage 3 students. We run workshops for our primary school students throughout the year with involvement from the student leaders..

This is an excellent opportunity for an outstanding, dynamic, enthusiastic and highly motivated individual to develop teaching and learning across the whole department and help to raise standards further.

Jo Pennington-Wright
Subject Leader - Science