



St Ambrose Barlow RC High School & Sixth Form College

A National School of Creativity

Headteacher: Ben Davis

## SCIENCE DEPARTMENT

### Staffing

The Science Department consists of twelve full time teachers and two technicians. The department work together to deliver an engaging and challenging curriculum and contribute to the overall community atmosphere of which the school is proud.

### Accommodation

There are 7 well-resourced laboratories and 3 classrooms, all situated together in the main block of the school. There are 2 well served by preparation rooms adjacent to the laboratories and 1 laboratory situated in the 6<sup>th</sup> Form.

### Ethos

The department aspires to produce learners who are skilled critical thinkers, problem solvers, innovators and team players. We do this by offering a stimulating and challenging practical based curriculum that seeks to develop students minds by supporting the creativity and curiosity of each and every one of them. Collaboration, planning and sharing of best practice featuring highly amongst our day to day practice.

### The Curriculum

From Year 7 to Year 11, pupils are set according to their ability. At KS3 we follow the AQA schemes of work. At KS4 2 pathways are currently offered. AQA combined Trilogy and Triple Science. A-Level Biology, Chemistry and Physics are also offered as part of the 6th Form provision.

### Priorities

At present, these are:

1. Closing the PPI gap.
2. Further developing and embedding of the new KS4 Curriculum.
3. Raising attainment of HAP.
4. Further developing KS5 provision.
5. Further developing accurate assessment methods at KS3.