

## Science Department Profile



The Science Department at Haydock is a well established, successful department with six teachers and one technician. The teachers in the department are highly supportive of each other, sharing ideas, expertise and experience. Everyone is encouraged to contribute to discussions on matters of curriculum and administration of the department. This provides a happy working environment, which is welcoming to everyone with whom we work.

Students currently follow an accelerated KS3 during Years 7 and 8; GCSE skills and content begin to be studied during in Year 9. At KS3 classes are organised into sets based on ability. Students follow the Smart Science scheme of work which has been tailored to meet the needs of our pupils. The pupils are assessed at regular intervals using end of unit tests and graded tasks that have been developed by the department.

Currently GCSE students study the OCR Gateway Science specification at KS4; most classes complete Core and Additional Science, a smaller cohort opt to follow the Triple Science route. From Sept 2016 students starting their GCSE's will study AQA Combined Science (Trilogy) or Separate Biology, Chemistry and Physics. Lessons are delivered by specialists within each of the scientific disciplines.

We have six fully serviced laboratories, with each teacher having responsibility for their own teaching space. The department is well-equipped with practical resources which we use to full advantage to provide an enriching curriculum. Each teacher has their own laptop and all labs are fitted with interactive whiteboards and projectors.



The department organises many excursions throughout the year, ranging from visits to universities and Science fairs, to fieldtrips to Anglesey and Iceland. In addition, the department has also set up the 'Science Academy' which allows enrichment activities for pupils who have a genuine interest or ability in the subject.

