



# THE BARCLAY SCHOOL

## Science Department

The Science Department is a successful and forward-looking curriculum area which prides itself on developing the full potential of all our students. The staff are dedicated professionals, committed to raising standards and improving still further the quality of teaching and learning.

There are seven modern laboratories. They are spacious and well equipped and provide a very pleasant environment for teaching and learning. We also have one classroom and a collaborative learning room that is used to further enhance the work of the department.

In Years 7 and 8, students follow an in house developed scheme of work which aims to develop their practical and theoretical skills. Students are divided into mixed ability groups in Year 7 and have six one-hour Science lessons per fortnight. Students are generally placed in ability sets in Year 8 and above. At KS4, there are eight periods of Science per fortnight.

A majority of GCSE students follow the OCR specifications. Most students achieve 2 Science GCSE's. Triple Science is an option at KS4 for students who achieve well during KS3, students who select this option choice will certificate in the three separate Sciences (Biology, Chemistry and Physics). We also have a number of pupils following a Science BTEC course and we review our pathways every year to ensure that we are meeting the needs of the individual.

In Sixth Form we currently operate within the Stevenage Sixth consortium, offering the full range of Science 'A' levels with OCR Chemistry A, OCR Biology and OCR Physics.

We aim to deliver a curriculum relevant to all our students in an accessible and supportive way. To do this we employ a wide range of teaching styles and learning experiences are constantly working together to develop and implement a creative and innovative curriculum.