

## **Sir John Nelthorpe School**

### **Science**

#### **Structure of the Faculty**

The Science faculty is led by an Assistant Head teacher and supported by two Assistant Area Leaders of Faculty.

There are 8 teachers currently delivering the curriculum to KS3, KS4 and KS5. We form an experienced, professional and well-motivated team maintaining high standards and good results.

The faculty is well serviced by 1 laboratory technician and has 7 modern laboratories with interactive white boards and projectors.

The faculty forms an experienced, professional and well-motivated team maintaining high standards and achieving good results: in 2017, Chemistry achieved 93% A\*-C, Physics achieved 97% A\*-C and Biology achieved 100% A\*-C at GCSE. Students achieved 60% A\*-C grades in Core science and 64% A\*-C grades in Additional science.

At A-Level we achieved 100% pass rate in all three sciences with 100% A\*-C in Biology, 80% A\*-C in Chemistry and 67% A\*-C in Physics.

#### **Curriculum**

##### **Key Stage 3**

Science (3 x 1 hour lessons per week)

##### **Key Stage 4**

Science (4 x 1 hour lessons per week, year 10)

Science (5 x 1 hour lessons per week, year 11)

##### **Key Stage 5**

A-Level Biology, Chemistry & Physics (4 x 1 hour lessons per week each)

Currently we teach a 2 year Key Stage 3 and 3 year Key Stage 4. Students are set by ability across both key stages. We follow OCR Gateway A Science and have separate sciences and combined science courses.

The Sixth form offers three separate science courses, these being OCR A: Biology, Chemistry and Physics.

We work as a faculty to plan courses and to develop resources for use in delivering the curriculum. Much of our success as a team stems from the corporate approach that we take to all aspects of teaching and learning.