

Sir John Nelthorpe School



Science

Structure of the Faculty

The Science faculty is led by a Head of Faculty who is a Director of Learning for STEM at whole-school level. They are supported by an Assistant Head of Faculty.

There are 7 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: Due to COVID-19, recent results data are non-comparable, but in 2019, Chemistry achieved 96% 9 – 4, Physics achieved 100% 9 – 4 and Biology achieved 100% 9 – 4 at GCSE. Students achieved 68% 9 – 4 grades in Combined science.

At A-Level we achieved 60% A* - E in Biology, 100% A* - E in Chemistry and 67% A* - E 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)

We teach a 3 year Key Stage 3 and 2 year Key Stage 4. Pupils 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.