SCIENCE

The Science Faculty at The Hall Park Academy consists of seven members of staff including a Head of Faculty, Second in Science and a Lead Practioner. The Science team are hard-working, have high levels of personal responsibility and are strongly supportive of each other. Friendly but professional working relationships exist between all staff, both teaching and non-teaching. The Head of Faculty is supported by the Trust Director of Science regarding curriculum and assessment to maximise pupil progress in Science.

Accommodation

This consists of seven laboratories that are fully equipped and maintained to deliver the variety of courses outlined below. These are well serviced by two full-time laboratory technicians.

Curriculum

The Science Faculty have strong links with feeder primary schools and regularly lead Science sessions for Key Stage 2 students both on and off site to support primary colleagues with Science education and ensure a smooth transition between Key Stage 2 and Key Stage 3.

Key Stage 3

For next year Years 7, 8 and 9 students have three periods of Science per week and are taught in mixed ability groups. A balanced Science course is taught in years 7, 8 and 9.

Key Stage 4

Students follow the AQA Dual Award Science and Triple Science courses. The Physics, Chemistry and Biology components of the triple sciences courses are taught separately by specialist staff.

The Sixth Form (Years 12/13)

A-level GCE courses in Physics, Chemistry and Biology BTEC Applied Science are offered. These courses are popular with Hall Park students and consequently numbers studying them have increased over recent years.

Hall Park Academy

Additional Support for Students

The Science Faculty has a thriving extra-curricular provision; with additional after school support for GCSE students and a KS3 science club.

Teaching Assistants are used to support some students with learning difficulties in Science lessons during Years 7, 8, 9, 10 and 11.

Teaching and Learning Approaches

Staff are encouraged to employ a variety of teaching and learning activities in order to motivate students, maintain their interest and encourage them to achieve their full potential.

Emphasis is placed on practical investigative work by students whenever possible (either individually or in small groups). Other teaching approaches used take into account the age and ability of students as well as the nature of the topic material, and include project work, role play, team teaching, teacher demonstration and whole class teaching. Members of the faculty take a leading role in developing and sharing new teaching and learning approaches.