



The Redhill Academy

SCIENCE

Staffing

The Science Faculty at The Redhill Academy consists of sixteen members of staff including a Faculty Director and Second in Science (Head of Physics & KS4 coordinator). 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.

Accommodation

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

Curriculum

Key Stage 3

In Years 7 and 8 pupils have three periods of Science per week and are taught in mixed ability groups. A balanced science course is taught in years 7 and 8.

Key Stage 4

Students follow the AQA Core and Additional Science and Triple Science course. The Physics, Chemistry and Biology components of the courses are taught separately by specialist staff.

The Sixth Form (Years 12/13)

AS/A2 level GCE courses in Physics, Chemistry, Biology and Psychology are offered. These courses are popular with Redhill students and consequently numbers studying them have increased over recent years. We also offer a Level 3 BTEC Forensic Science course.





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Specialist Status

The school is a Science and Performing Arts Specialist School. This joint specialism provides opportunities for science staff to develop their teaching and learning strategies work in our feeder primary schools and lead internal and external INSET events.

Additional Support for Students

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

In Years 10 and 11, where possible, such students work in small size sets allowing more individual help and attention.

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. Some members of the faculty are taking a leading role in developing new teaching and learning approaches.





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Staffing 2015 - 16

Craig Hewitt	Faculty Director
Neil Langford	Deputy Faculty Leader (KS4 Coordinator /Head of Physics)
Mel Edwards	AST (School ITT Co-ordinator /Head of Chemistry)
Marie Imrie	AST (Head of Biology)
Emily Malaurie	Biology (Part Time)
Alice Priestley	Curriculum Area Leader Psychology
Selena Burgess	BTEC Co-ordinator /Biology/Psychology
Neil Anderson	Physics
Dave Mangan	Physics (Part Time)
Manjit Rana	Chemistry
Charlotte Ollis	KS3 Coordinator /Biology
Jennifer Lloyd	Chemistry
Angela Savage	Chemistry
Sammy Ladhar	Biology
Stephanie Lovett	Biology
André Litowczuk	Chemistry (Part time)
Carol Bennett	Physics (Part time)
Sarah Cripwell	Senior Laboratory Technician
Michelle Ward	Laboratory Technician

Craig Hewitt
Director of Science
January 2016

