

# **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 two full-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.

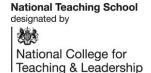
#### Key Stage 4

Students follow the AQA Combined Science and Triple Science course. The Physics, Chemistry and Biology GCSE courses are taught by subject specialist staff. Combined science is taught by paired staff covering all aspects of combined science.

Key Stage 5 (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 Applied Science course.









## **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.









## **Staffing 2017 - 18**

Craig Hewitt **Faculty Director** 

**Neil Langford** Deputy Faculty Leader (KS5 Coordinator /Head of Physics)

Ks4 Leader Dan Hardy

Mel Edwards AST (Head of Chemistry)

Marie Imrie AST (Head of Biology)

Calicia Daniel **Biology and Combined Science** 

Alice Priestley Curriculum Area Leader Psychology

Nick Baxter Biology and Combined Science (HAC)

Neil Anderson Physics and Combined Science

Dalvir Grewal Physics and Combined Science (Part Time)

Manjit Rana Chemistry and Combined Science

Charlotte Blackburn KS3 Leader /Biology and Combined Science

Jesse Edjuwede Chemistry and Combined Science (Part time)

Angela Savage Chemistry and Combined Science

Sammy McKeever Biology and Combined Science

Oliver Heller Psychology/Biology and Combined Science

Sarah Cripwell Senior Laboratory Technician

Michelle Ward Laboratory Technician

## Craig Hewitt

Director of Science

April 2018





