



## SCIENCE - FACULTY DESCRIPTION

### **1. Staff**

The Science Faculty consists of 9 members of staff: -

Members of Faculty	Role
Mrs Jennie Priest	Head of Faculty (Acting)
Mr Campbell Donaldson	Teacher of Science
Mrs Fay Lord	Teacher of Science
Mr Phillip Ryan	Teacher of Science
Mrs Alexandra Davidson	Teacher of Science
Mr Andrew Stott	Teacher of Science
Mr Neil Bluer	Teacher of Science/Shadow Leadership: Careers and D of E
Mrs Fay Liptrott	Science Technician
Vacant positions x2	Teacher of Science

### **2. Facilities**

The faculty has separate buildings from the main school buildings, which house six laboratories. All of the laboratories are modern, well equipped and have an interactive whiteboard. All members of staff have their own laptop and students have access to a computer suite and 2 sets of tablets.

### **3. Curriculum**

Year Group	Time allocated
7	3 x 1 hour lessons per week
8	3 x 1 hour lessons per week
9	5 x 1 hour lessons per week
10 set 1 (Triple)	8 x 1 hour lessons per week
10	5 x 1 hour lessons per week
11 set 1 (Triple)	8x 1 hour lessons per week
11	5 x 1 hour lessons per week

**KS3 –** The faculty follows the AQA Collins 2 year scheme of work with year 7 and 8. This scheme enables students to achieve mastery goals using the AQA know, apply and extend framework. Students are encouraged to think and work scientifically with embedded enquiry processes throughout each chapter. We also deliver the required practicals at KS3 so that students are prepared for the rigour of KS4

**KS4 –** Starts in year 9 and the faculty currently offers AQA Trilogy to the majority of the cohort. Separate sciences; Biology, Chemistry and Physics are offered as a guided option and also follow the AQA specification.

#### **4. Extra Curricular**

- The faculty inputs into the school's Y 7 and 8 Young Investigators group for Gifted & Talented.
- After school revision classes are run throughout the year.
- Revision classes for year 10 and 11 students run all year round with extra evening intervention sessions for Y11.
- Science 'Enrichment Days' for KS3 which include Space Camp and CSI Westleigh.

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The faculty is continuing to improve standards at both KS3 and KS4 by developing the use of new technologies, modelling techniques and a variety of teaching and learning styles.

We are passionate that practical science, active learning and independent learning are key to our students' success.

A team approach is vital and it is expected that all members of the faculty will give their best to ensure our students have the very best chance of success.

**Jennie Priest**  
**Head of Faculty**