

## **DIRECTOR OF SCIENCE**

**Main Pay Range / Upper Pay Range plus TLR 1C (£111,114 pa)**

For January 2018 we are seeking to appoint a well-qualified, talented and committed teacher of Science to lead this successful and forward-looking department. The successful candidate will provide inspirational leadership of the Science Department, be committed to promoting learning, have high expectations of all students' achievement, inspire teachers and students to have a passion for Science and will approach the job with enthusiasm. Other responsibilities include overseeing the health and safety aspects of implementation of the Science curriculum.

### **PERSON SPECIFICATION**

We are seeking to appoint an enthusiastic and hard-working teacher and leader who meets the criteria below.

- A well-qualified (with Qualified Teacher Status), and enthusiastic teacher of Science who can inspire and engage young people, with experience at either overseeing a Key Stage, as Deputy Head of Science or current Head of Science with experience of raising attainment
- The ability to teach Science at KS3, KS4 and KS5 with a commitment to high standards of achievement
- The ability to motivate staff and students, with a proven track record of excellent results and impact within their current department
- The ability to give clear direction to the leadership and teaching of Science
- Excellent organisational and ICT skills
- A passion for excellence and for the subject
- Excellent management and interpersonal skills
- Willingness to be a form tutor including the delivery of PSHCE

# WEALD SCHOOL SCIENCE DEPARTMENT

## Introduction

The Science Department is a strong, experienced team. We have high expectations and create a working atmosphere in which all students can fulfil their potential, and as a result the subject is very popular both at Key Stages 4 and 5.

## Staff and Accommodation

The department comprises 10 full time and 5 part time Science teachers plus 4 technicians. There are four post holders who are Director of Science, Key Stage 5 Co-ordinator, Key Stage 4 Co-ordinator and Subject Leader of Physics, and a Key Stage 3 Co-ordinator. Other members of the department also hold whole school responsibilities.

Up to GCSE all staff teach across the age and ability range. The department has excellent facilities with all lessons timetabled in the Science area of the school. The Science suite comprises 15 large teaching laboratories and one dedicated ICT suite on top of a full set of computers in one of the labs, as well as a range of subject-related software. Developing resources and sharing good practice in ICT is an area of constant development within the department. Central to these teaching rooms is a large prep room and resources area. Part of major refurbishment and enlargement of the school were two new Science laboratories which have been in use from September 2017. All Science labs have interactive electronic whiteboards and access to a range of additional resources to enhance their use such as wireless mouse/keyboard, and student sets of activate response units. Five of our rooms have Smart boards, while the remainder are Promethean.

## Curriculum

Key Stage 3 has undergone a period of transition with students now following a two-year programme of study. Schemes of work for Key Stage 3 have been rewritten as the new National Curriculum rolls through. Developing Assessment for Learning and independent learning is a key focus for the department as well as implementing new forms of assessment as we continue to assess without levels.

The structure for classes in Key Stage 3 is that students are banded by ability in each year half. Students complete Key Stage 3 by the end of Year 8 and start the GCSE Science course in Year 9.

In Key Stage 4 students can express a preference to follow the triple science route following the AQA syllabus. The remaining students undertake the AQA combined award course following the trilogy route. With the time for GCSE being extended over 3 years there are also enrichment opportunities for students built in.

At Key Stage 5 students can undertake A-levels in Biology, Chemistry and Physics plus Applied A-level Science from September 2017. The Sciences are popular and typically we have run two or three A-level groups for each subject in each year.

## Enrichment

Science clubs run in Year 7 and 8 for all students after school as well as Green Weald, our eco-gardening club. We also run Bronze and Silver BA Crest awards for both Key Stage 3 and 4 students. In Key Stage 5 students in all three sciences can participate in the Science Olympiads with several of our biology and physics students being placed in medal winning positions last year. There is a student leadership programme from September 2017 which involves students from all key stages.

## Examination Results

### GCSE:

(Note top sets take separate sciences)

Year	Science (2 GCSE) % A*-C	Biology % A*-C	Chemistry % A*-C	Physics % A*-C
2015	80	95	93	99
2016	62 *	98	97	100
2017	68*	100	98	100

\*Note: We entered a greater proportion of students for single sciences in 2014, 2016 and 2017. The A\*-C % for 2 Science GCSEs was 82% in 2016.

### GCE A Level:

Year	Biology		Chemistry		Physics	
	% A-C	% A-E	% A-C	% A-E	% A-C	% A-E
2015	80	100	91	100	72	95
2016	75	100	81	100	68	100
2017	65	96	64	100	95	100

*We are committed to safeguarding and promoting the welfare of children and young people and to equality of opportunity. Enhanced DBS clearance is required for all successful applicants.*