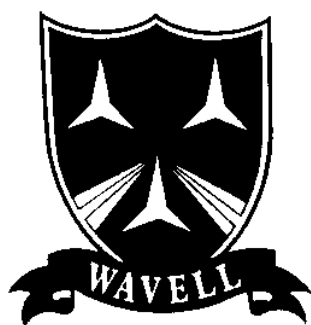


The Wavell School



Science Faculty

Information for applicants



The Science Faculty

Person Specification - Teacher of Science

This is a post for a committed and enthusiastic teacher with an energy and passion for the subject, which is conveyed to both students and colleagues. The successful candidate will have a clear ability to inspire and engage students in science.

The successful candidate will be a member of a team of seven teachers and three technicians. The science team are fully committed to their own professional development and **teach all three disciplines at both key stages**. It is hoped that the new member of the team will be able to continue with this model, with support from colleagues when teaching outside their specialism. The faculty is currently engaged in evaluating and updating schemes of work and resources that have been written for the most recent GCSE courses, over the past year, and the successful candidate will have the enthusiasm and communication skills to allow them to play an active part in this process.

Desirable Qualities

- A vision for Science education in the 21st century and be able to communicate it
- Excellent classroom practitioner with a demonstrable enthusiasm for their subject.
- Excellent behaviour management skills and an ability to support others with these issues
- An excellent knowledge of Science within the national context
- An ability to motivate students of all abilities by creative and adaptable teaching methodology
- Experience of teaching across the whole age and ability range
- The ability to work as part of a team
- To be able to plan, develop and evaluate resources.
- Effective ICT skills within the curriculum as well as data management
- An ability to be flexible
- Effective time management skills.
- A good sense of humour.



The team

Guto Jones, BSc Hons	Director of Science
Stuart Hicken, B Sc Hons, MA, Ed, NPQH	Deputy Headteacher/Science
Sue Gaskell, B Sc Hons	Science/Lead Mentor
Sarah Cousins, B Sc Hons	Science/KS2 Liaison Leader/Curriculum Co-ordinator
Doug Aslett, Mphy Hons	Science/Progress Co-ordinator
Polly Cookson, B Eng	Science
Crystal Chan, BA Hons	Science
Victoria Holden, B Sc	Science
Lucy Tilly-May, B Sc & M Sc	Science Trainee
Pauline Greenwood	Senior Science Technician
Naomi Wright	Science Technician



Accommodation

The faculty consists of six all-purpose laboratories, a Science/IT room, a preparation area and a staff resources area.



Resources



Each laboratory is well equipped and the faculty is well resourced to meet the demands of the national curriculum. There is a large resource bank of reference material for staff and class sets of textbooks for use at key stages 3 and 4. There are software and video clips for use in the classroom. The faculty makes extensive use of the school's excellent ICT facilities.

Curriculum

At Key Stage 4 our students currently follow the AQA GCSE courses. The top sets complete the three separate Science GCSEs over the 2 years, the rest completing GCSE Combined Science. The curriculum at Key Stage 4 is currently being developed and revised with the introduction of the new GCSEs.

At Key Stage 3 students follow our own curriculum with schemes of work written in-house designed to develop the skills necessary to succeed with the new Science GCSEs.

Homework is set regularly throughout the school and is monitored by the Director of Faculty. The science curriculum throughout the school has been designed to allow movement of pupils between sets during the year. The rewards and praise policy is central to the ethos of the faculty and encourages the motivation of students to succeed.

Examination Results

GCSE Science Overall Results					
2 Science grades 4 or above	2019 80.4% 2020 84.3%				
	2019	2020	2019	2020	2019 2020
Individual Results	% 9-7		% 9-5		% 9-4
Biology	42.2%	82%	97.8%	100%	100% 100%
Chemistry	46.7%	67.3%	95.6%	100%	100% 100%
Physics	37.8%	61.5%	95.5%	100%	100% 100%
Combined Science	3.6%	12.1%	53.6%	100%	79.5% 81%

Science VA scores for GCSE are consistently very good.

Guto Jones
Director of Science
October 2020