

# JOHN WILLMOTT SCHOOL

Reddicap Heath Road  
Sutton Coldfield  
West Midlands  
B75 7DY



## SCIENCE DEPARTMENT

**John Willmott School Science Department** is an energetic, forward looking, successful Department that is committed to ensuring that all pupils fulfil their maximum potential in the subject at every level.

The Department consists of eight laboratories situated in the main school building on two levels. Three laboratories are on the first floor, served by a large central preparation room. On the second floor there are five more laboratories and a dry lab/ classroom served by another large preparation room. All the laboratories are linked to the school network and all have mounted data projectors.

Nine members of staff teach within the Department, which consists of an Assistant Head Teacher Responsible for Science supported TLR holders for KS3, KS4 and KS5. There are two full time Laboratory Technician posts and one part time, who all play a vital and invaluable role in the running of the Department and assist with ICT, photocopying and administration.

### KEY STAGE 3

Year 7 and 8 students are set according to ability across each half year. The Key Stage 3 curriculum is designed to engage and develop students' scientific knowledge of the National Curriculum. The scheme for this has recently been redrafted to match with the new science national curriculum and the schools triple approach to all lessons.

At the end of Year 8 students all students move onto studying AQA GCSE Science in Year 9. Students are also given the opportunity to take more Science lessons and extend their study to potentially achieve separate GCSEs in Biology, Chemistry and Physics in year 11.

### KEY STAGE 4

Key stage 4 begins in Year 9 and all Key Stage 4 students remain in ability groups across each half year. Both Separate sciences and Combined sciences are examined at the end of year 11.

### KEY STAGE 5

Physics, Chemistry and Biology are all offered at 'A' level and students follow the OCR specifications. One other group follows a BTEC Level 3 course in Applied Science.



**Mr E Du-Prat**  
**Director of Curriculum**  
**2018**

# POST OF TEACHER OF SCIENCE

## PERSON SPECIFICATION – PHYSICS SPECIALIST

- The general Person Specification is as follows:

	ESSENTIAL	DESIRABLE
<b>Experience and Knowledge</b>	<ul style="list-style-type: none"> <li>An excellent classroom teacher.</li> <li>A good knowledge of current curriculum issues.</li> <li>Ability to teach Key Stage 3 Science in Years 7 and 8.</li> <li>To be able to teach Physics to GCSE and A-Level.</li> <li>Able to contribute to department planning, schemes of work, policies and preparing work for students.</li> <li>An understanding of the importance of Teaching and Learning to school improvement.</li> <li>An understanding on inclusion and equal opportunity issues.</li> <li>An understanding of Literacy/Numeracy across the curriculum.</li> </ul>	
<b>Skills and Abilities</b>	<ul style="list-style-type: none"> <li>Excellent interpersonal skills.</li> <li>Sound judgement and problem solving skills.</li> <li>Ability to build teams and work as part of a team.</li> <li>Good ICT skills.</li> <li>Excellent communication skills.</li> <li>Excellent time management skills.</li> <li>A vision of their own potential contribution to the Science Department.</li> <li>Ability to administer departmental resources.</li> <li>Ability to analysis data. Assessing, recording and reporting on the development, progress and attainment of students.</li> <li>Ability to converse at ease with parents/pupils and members of the public and provide advice in accurate spoken English.</li> </ul>	
<b>Qualifications</b>	<ul style="list-style-type: none"> <li>Graduate.</li> <li>Qualified teacher status.</li> </ul>	
<b>Other</b>	<ul style="list-style-type: none"> <li>To contribute to school via extra-curricular activities and staff working groups.</li> <li>Excellent attendance and stamina.</li> <li>Vision for Science.</li> <li>Commitment to high standards and expectations.</li> <li>Flexibility.</li> </ul>	<ul style="list-style-type: none"> <li>Ability to gain further promotion.</li> </ul>

