

TEACHER OF SCIENCE

The posts advertised have arisen due to changes in staffing in the Science team.

1. A commitment to the value of Science as an important element in the personal development of young people.
2. The ability to teach Science to the highest level of attainment in both KS3, KS4 and KS5.
3. A commitment to developing personal expertise in teaching all aspects of Science and the drive to keep abreast of new ideas and approaches.
4. An innovative approach to creating a positive learning environment, using a range of teaching and learning strategies and approaches. (Including the incorporation of citizenship, literacy and numeracy).
5. Proven ability in the use of ICT in the classroom and some knowledge of the use of interactive white boards is essential.
6. An enthusiasm for teaching and learning and the ability to communicate this to children.
7. The ability to work with students at all ability levels and take action to enhance their learning.
8. The capacity to work within the Science team and make contributions to the development of schemes of work, resources, fieldwork and to extra curricular activities.
9. A willingness to represent the Science department in cross-curricular working parties and work with outside organisations in order to enrich the experience of students.
10. A commitment to participating in the enhancement of the learning environment through displays that positively reinforces students' work.
11. The willingness to make a contribution as a tutor.
12. A sense of humour.

<u>Attributes</u>	Essential	Desirable
Qualifications	A good Honours Degree in Physics - however all three science disciplines are welcome.	The desire to further knowledge through relevant courses or a further degree.
Teaching experience	A successful PGCE year. A portfolio of relevant resources showing teaching and learning strategies. Tutor group experience.	KS5 experience
Personal qualities and other relevant experience	Effective communicator. The ability to engender enthusiasm for learning.	
Skills	The use of ICT in lessons and for personal documentation. The ability to display students work. An understanding of the use of interactive whiteboards.	
Job-related personal skills	Contribute to schemes of work, assessments and resources. Attend cross-curricular meetings representing the views of the Science team.	
Special working conditions	To be an effective team member and have a sense of humour.	

In addition to candidates' ability to perform the duties of the post, the interview will also explore issues relating to safeguarding and promoting the welfare of children including:

- Motivation to work with children and young people;
- Ability to form and maintain appropriate relationships and personal boundaries with children and young people;
- Emotional resilience in working with challenging behaviours; and
- Attitudes to use of authority and maintaining discipline.