**Teacher of Science**

**PURPOSE:** To support the SENCo/SLT in all aspects of their SEND administrative duties.

**DISCLOSURE LEVEL:** Enhanced

**SITE SCHOOL TIME:** 8 am – 4 pm Term Time only (36 weeks per annum)

**SALARY:** Dependent upon experience

**LINE MANAGER:** SLT/Head Teacher

**Job Description**

Great Oaks Small School (Independent) is an equal opportunities employer and is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.

If you have a passion for science and a gift for inspiring young minds, we are looking for you. We are currently recruiting for a dynamic new science teacher to join our current staff in a rapidly evolving department. You must be able to develop engaging and innovative lessons that allow our students to grow academically, socially, and emotionally, to achieve their potential. You should be someone who incorporates technology and hands-on learning experiences both inside and outside the classroom, with enthusiasm. The ideal candidate should also believe in collaboration with other colleagues and promote understanding and communication in a diverse learning and cultural environment.

**Post:**  Teacher of Secondary Science

**Responsible to:** Head Teacher and SLT

**Job Purpose:** Teach in our developing and evolving science department to ensure the effective teaching of science, ensuring that students can develop skills and knowledge from KS3 through to GCSE and or A level, as appropriate and according to experience.

**Job Responsibilities:** To contribute to the continued development and evolution of our science provision. The Teacher of Science is responsible for the teaching of science to students of all abilities aged 11-19 years. The duties will be reviewed annually as part of the School’s appraisal process.

**Curriculum:**  The Teacher of Science will be required to:

1. Ensure that the science schemes of work with the knowledge, skills, and attitude to be imparted to students, are in keeping with aims of the School.
2. Deliver high-quality, engaging instruction in the form of discussion, direct teaching, demonstrations, and independent practice using a variety of proven methods.
3. Maintain a safe, orderly, and supportive classroom by modelling expected behaviour and standards, promoting positive interactions, and quickly addressing any issues in line with the school behaviour policy.
4. Support in the continued development and delivery of the KS4 and KS5 curriculum, as appropriate to skills and experience.
5. Work with colleagues on the development and delivery of courses, teaching programmes, methods of teaching, assessment, and pastoral arrangements appropriate to science. All should be aligned with the context of the School’s curriculum and prescribed examination courses, as appropriate to our students.
6. Ensure that the classroom is a safe and stimulating environment for students to learn with an appropriate range of resources and display.
7. Plan and prepare engaging courses and lessons.
8. Set and mark the work of students in line with the subject and School’s policies.
9. Assess, record and report on student progress, and on the personal and social needs of students.
10. Evaluate student performance on tasks established by the standards using different methods such as observation, performance-based tasks or other standard test practices.
11. Promote the progress and well-being of individuals and classes.
12. Ensure that student needs: special needs or gifted are catered for appropriately, within the environment and resources the school offers. You will liaise with the School’s Senior Leaders: H & S, SEND, Pastoral and Curriculum.
13. Differentiate lessons to give all students access to the curriculum regardless of disability, instructional level, English proficiency, or level of interest in the subject.
14. Play an active part in ensuring that all students are working to their potential and progressing appropriately to their needs and abilities.
15. Keep abreast of curriculum developments affecting the department and be prepared to discuss matters affecting the curriculum as a whole.
16. Provide guidance on educational and social matters.
17. Participate in all arrangements for public examinations.
18. Review from time to time methods of teaching and programmes of work.
19. Communicate and consult with parents of students in accordance with the School’s systems of communication.
20. Communicate with appropriate person or bodies outside the School.
21. Participate in meetings arranged for any of the purposes above.
22. Provide or contribute to oral and written assessments, reports and references for students.
23. Participate in arrangements for appraisal.
24. Participate in arrangements for training and professional development.
25. Participate in meetings at the school which relate to the curriculum for the School or, the administration and/or organisation of the School, including pastoral arrangements.
26. Provide cover as required, teaching any students whose teacher is not available to teach them.
27. Ensure that Health and Safety issues are properly understood, and procedures followed.
28. Ensure appropriate risk assessments are used where required, both in science and across the wider school as necessary.
29. Ensure that all safeguarding policies and procedure are adhered to.
30. Improve skills and knowledge in teaching by regularly engaging in CPD activities, attending workshops and discovering new methods of delivering exciting content to students.

**Staff**

The Teacher of Science will be required to:

1. Co-operate and collaborate with colleagues and Senior Leaders on all professional matters.
2. Support the induction of all new staff, as required and support the training of colleagues new to the School.

**Communication and meetings**

The Teacher of Science will be required to:

1. Attend and contribute to appropriate meetings for the school team and community.
2. Support effective communication by forwarding topics/issues for consideration at meetings and any relevant documentation.

**Finance**

The Teacher of Science will be required to:

1. Observe budgetary control measures, contribute to monitoring expenditure as required, and make effective use of available resources.
2. Contribute to the maintenance of effective resources for learning – textbooks, student materials, equipment and rooms.

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**Person Specification – Science Teacher**

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|  | **Essential**  These are qualities without which the applicant could not be appointed | **Desirable**  These are extra qualities which can be used to choose between applicants | **Method of assessment** |
| **Qualifications** | A good science degree from a recognised university, UK or overseas | Qualified Teacher Status | Production of the applicant’s certificates |
|  | Qualified Teacher Status | Qualified Teacher Status | Production of the Applicant’s certificates |
| **Experience** | Experience teaching science in a recognised school or college to A level  Familiarity with UK examination boards | Attendance at regular staff and training meetings  Evidence of scientific interest and knowledge  Experience of using digital platforms i.e. Kerboodle, Seneca, AR etc  A proven record of exam success  Some experience of teaching external examinations  An awareness of the processes of college applications. | Contents of the application Form  Interview  Professional references |
| **Skills** | The ability to teach science to a high standard  Effective communication skills with both staff and students  Strong written English and good IT skills  Proven organisational skills  The ability to show initiative within the framework of a strong and supportive team  An outstanding performer in the classroom inspiring students to achieve  A good understanding of scientific practices | An awareness of how a good quality student portfolio should look and how that can be developed  A commitment to becoming involved in extracurricular activities of the school  A clean driving licence  A minibus licence or the willingness to obtain one | Contents of the Application Form  Interview, demonstration lesson  Professional reference |
| **Knowledge** | An understanding of the UK examination system  Excellent subject knowledge of science and its application outside of the classroom  Knowledge of science specifications | Familiarity with current scientific knowledge and skills  An ability to communicate technical skills in practical experiments  An awareness of the statutory requirements of Health and Safety within practical environments | Contents of the Application Form  Interview  Professional references |
| **Personal competencies and qualities** | The motivation to work with children and young people  The ability to form and maintain appropriate relationships and personal boundaries with children and young people  A positive attitude to the use of a person centred approach to maintain discipline  enthusiasm, stamina and good health  A willingness to organise, take part in and support educational visits | A good sense of humour  A calm demeanour  A perceptive understanding of teenagers and their ‘needs’ and ‘expectations’  A flexible approach to teaching and a willingness to learn  A passion for the subject and all it offers  A firm, fair and understanding approach in all matters  An interest in building and maintaining STEAM hub to aid cross-curricular teaching and learning | Contents of the Application Form  Interview  Professional references |