**Teacher of Science**

**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.

**Post:**  Teacher of Science

**Responsible to:** Head Teacher and SLT (Inc. Science Lead)

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

**Duties:** To help develop the science room into a purposeful laboratory.

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 KS3 aims of schemes of work and the knowledge, skills and attitude to be imparted to students are in keeping with aims of the School.
2. Support in the development of the KS4 curriculum in the first instance and thereafter KS5, as appropriate to skills and experience.
3. Work with colleagues on the development and delivery of courses, teaching programmes, methods of teaching, assessment and pastoral arrangements appropriate to the delivery of science with the context of the School’s curriculum and prescribed examination courses, as appropriate to students.
4. Ensure that the classroom is a safe and stimulating environment for students to learn with an appropriate range of resources and display.
5. Plan and prepare courses and lessons.
6. Set and mark the work of students in line with the School’s policies.
7. Assess, record and report on student progress, and on the personal and social needs of students.
8. Promote the progress and well-being of individuals and classes.
9. 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.
10. Play an active part in ensuring that all students are working to their potential and achieving improved standards.
11. Keep abreast of curriculum developments affecting the department and be prepared to discuss matters affecting the curriculum as a whole.
12. Provide guidance on educational and social matters.
13. Participate in all arrangements for public examinations.
14. Review from time to time methods of teaching and programmes of work.
15. Communicate and consult with parents of students in accordance with the School’s systems of communication.
16. Communicate with appropriate person or bodies outside the School.
17. Participate in meetings arranged for any of the purposes above.
18. Provide or contribute to oral and written assessments, reports and references for students.
19. Participate in arrangements for appraisal.
20. Participate in arrangements for training and professional development.
21. Participate in meetings at the school with relate to the curriculum for the School or the administration or organisation of the School, including pastoral arrangements.
22. Provide cover as required, teaching any students whose teacher is not available to teach them.
23. Ensure that Health and Safety issues are properly understood and procedures followed.
24. Ensure that all safeguarding policies and procedure are adhered to.

**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 levelFamiliarity 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 etcA proven record of exam successSome experience of teaching external examinationsAn awareness of the processes of college application | Contents of the application FormInterviewProfessional references |
| **Skills** | The ability to teach science to a high standardEffective communication skills with both staff and studentsStrong written English and good IT skillsProven organisational skillsThe ability to show initiative within the framework of a strong and supportive teamAn outstanding performer in the classroom inspiring students to achieveA good understanding of scientific practices | An awareness of how a good quality student portfolio should look and how that can be developedA commitment to becoming involved in extracurricular activities of the schoolA clean driving licenceA minibus licence or the willingness to obtain one | Contents of the Application FormInterview, demonstration lessonProfessional reference |
| **Knowledge** | An understanding of the UK examination systemExcellent subject knowledge of science and its application outside of the classroomKnowledge of science specifications | Familiarity with current scientific knowledge and skillsAn ability to communicate technical skills in practical experimentsAn awareness of the statutory requirements of Health and Safety within practical environments | Contents of the Application FormInterviewProfessional references |
| **Personal competencies and qualities** | The motivation to work with children and young peopleThe ability to form and maintain appropriate relationships and personal boundaries with children and young peopleA positive attitude to the use of a person centred approach to maintain disciplineenthusiasm, stamina and good healthA willingness to organise, take part in and support educational visits | A good sense of humourA calm demeanourA perceptive understanding of teenagers and their ‘needs’ and ‘expectations’A flexible approach to teaching and a willingness to learnA passion for the subject and all it offersA firm, fair and understanding approach in all mattersAn interest in building and maintaining STEAM hub to aid cross-curricular teaching and learning | Contents of the Application FormInterviewProfessional references |