



## **Lewes Old Grammar School**

### **Physics Science Technician**

#### **Job Description**

<b>Responsible and accountable to:</b>	<b>Head of Science</b>
<b>Day to day direction from:</b>	<b>Science Teachers.</b>
<b>Working Hours:</b>	<b>8:00am to 5:00pm (Flexible) Term time plus three weeks during holiday periods</b>
<b>Salary:</b>	<b>£20,000 - £24,000 Depending on experience</b>
<b>Pension:</b>	<b>Contributory Pension Scheme</b>

#### **Introduction**

We require a well-qualified and enthusiastic Physics Technician to join our thriving science department from 1st September 2018.

#### **Background**

Lewes Old Grammar School is an independent co-educational day school located in the historic county town of Lewes, educating children from 3 to 18 years old. The School encompasses traditional values combined with a forward approach to the education of young people, and it is proud of the family ethos and community it engenders. First established in 1512, Lewes Old Grammar School combines high

educational standards and small classes in a caring, well- mannered environment together with economic fee levels. There is an extensive program of extra-curricular activities running on Friday afternoons for Year 7-9 and many opportunities for students to take part in music and drama activities.

Morley House caters for children from three years old until the age of ten, and is located in an independent building in a pleasant residential area of Lewes.

The Senior School occupies four architecturally historic buildings in the High Street of the ancient town of Lewes. Here we educate children from the age of 11, (Year 7), until 18 years of age, (Sixth Form), and always feature well in the Sussex GCSE and A Level league tables.

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### **Science Department**

Recent investment has provided five modern laboratories and three prep areas all situated in close proximity in Mead House. A team of three well qualified and dedicated technicians supports eight Science teachers and ensures that a high proportion of lessons across all year groups are practically based. All of the laboratories are equipped with Smart boards and the other IT resources that you would expect to find in a modern lab. Two of the five labs enjoy favourable views over a local public playground and attractive residential district.

Our team of Science teachers includes three Physics specialists, two Chemists and four Biologists, most of who teach their speciality at least 90% of the time. Students from Year 6 also use our laboratories on occasion throughout the year and are taught by a Science specialist.

Our timetable runs over two weeks and the majority of Science lessons are 70 minutes long. Some A-level lessons are 105 minutes to allow plenty of time for practical work.

#### **Role:**

To provide technical support to the School's Physics teaching staff in the delivery of class practical experiments and teacher demonstrations .

#### **Duties:**

- Assembling equipment required for lessons, from information provided by the teachers, from the course books or from the technician notes.
- Setting up demonstrations of Physics principles, from information provided by the teachers, from the course books, from the technician notes or from research on the web.

- Maintaining stock levels of consumables and keeping an inventory of equipment.
- Assisting with the day to day administration of safety and in keeping the lab tidy and safe.
- Repairing broken/damaged equipment.
- To support teachers in the process of ordering practical equipment.
- Maintaining the radiation use log and regular stock checks under the direction of the school's Radiation Protection Supervisor (RPS).
- Assisting other technicians in Chemistry and Biology, where required, under direction (i.e. helping to move apparatus and equipment).

**Qualification:**

- Minimum A level or equivalent in Physics or a related apprenticeship.

**Personal specification/skills:**

- Practical skills and knowledge of basic electrical circuits. To be able to identify components such as capacitors, resistors and diodes. To be able to check and replace fuses.
- Ability to use an oscilloscope, electrical meters etc., to take measurements.
- An appreciation of safety requirements and safety equipment.
- IT/computer literate. Use of Word, Excel etc.
- Practical DIY skills in woodwork or similar to assemble models etc.
- Ability to work independently with a proactive attitude.
- Good organisational skills are essential to ensure that everything is delivered to the right lab on time.

**Additional desirable skills (but not essential):**

- Based on experience, the ability to guide small groups of students through school stem projects would be an advantage.
- PAT testing.

- Electronics, how to construct or repair a simple electronics circuit e.g. a power supply using a transformer, diodes and capacitor.
- Knowledge of Chemistry and/or Biology.

If you feel that you have the qualities we are looking for, we would be delighted to hear from you.

A handover period of approximately 3 days will be required so flexibility to attend some days this academic term (before 6<sup>th</sup> July) would be advantageous.

### **Further Details**

The Application Forms will be available from the HR Manager and on the TES website.

Applications must be made using the school's Application Form, Equal Opportunities Form along with a covering letter of application, including full contact details of two referees. C.Vs will not be accepted without a completed application form.

Any queries regarding the application process should be directed to the HR Manager, [hr@logs.uk.com](mailto:hr@logs.uk.com).

Please send completed application forms to the HR Manager.

Lewes Old Grammar School is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. Applicants must be willing to undergo Child Protection screening appropriate to the post, including checks with past employers, the Disclosure and Barring Service and sign a self-disclosure form.

### **Interviews**

Candidates will be invited to attend an interview at the School and to meet the Headmaster, the Head of Science as well as the department.

The closing date for applications is **Friday 25<sup>th</sup> May**  
**Interviews will take place during the w/c 4<sup>th</sup> June.**