



Lomond School  
Helensburgh

# Science Laboratory Technician

**APPLICATION PACK**





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# A Warm Welcome from the Principal



At Lomond School, we prepare our pupils for their future by ensuring that they learn the skills necessary to be successful in the 21st century whilst developing the traditional values and qualities that they require to be responsible and active global citizens.

Lomond School blends the old with the new seamlessly: a visit to Clarendon, which makes up part of our Junior School, is a clear example of this with its beautifully restored period features sitting comfortably alongside the latest in technology. In fact, the facilities at Lomond are enviable, with a purpose-built sports complex, modern and homely boarding house and a 1-1 device programme for all pupils from Junior 5 to Senior 6.

We are situated in the leafy town of Helensburgh, nestled between the banks of the River Clyde and Loch Lomond. This enables us to make the most of our unique location, with a strong commitment to extra-curricular activities and a particular emphasis on Outdoor Education.

As with any independent school, we have an excellent track record of academic attainment, but that is only a part of what we offer. I believe that the purpose of education should be to

develop the whole child; at Lomond we do this in a supportive and nurturing environment with small classes that allow each and every one of our pupils to be known and recognised as individuals. In turn, this allows us to deliver a personalised education that allows every Lomond pupil to work towards his or her full potential in our inspirational environment.

Our pupils are happy, confident and rightly proud of their achievements and their school. Lomond School offers the right candidate the opportunity to teach in a wonderful environment with fantastic pupils and a great staff team. If you would like to be a part of our thriving Lomond School family then we would love to hear from you.

**Johanna Urquhart, Principal**

# About Lomond School

Lomond School offers an independent education to boys and girls from age 3 to age 18; founded in 1977 by the amalgamation of Larchfield Academy and St Bride's School, both of which date back to the 19<sup>th</sup> Century. We hold on to many of the traditions from our founding schools whilst holding true to our motto, *Prospiciamus, 'let us look forward'*. We have approximately 350 pupils, which allows us to get to know each and every one of our young people and equally they get to know our staff. The quality of the relationships between our young people and the adults in our school is something that we are very proud of.

Lomond School is the only school in the West of Scotland with boarding for children aged 9 to 18. We have a modern, purpose built, boarding house which houses both boys and girls and thus allows brothers and sisters to live in the same accommodation, essentially as family. We think of our boarding house as home rather than an extension of school. Our boarders come from around the world, which adds an important international and multi-cultural dimension to our school.

Our academic results are consistently well above the National average and the majority of our young people will move beyond school and onto university courses, most receiving their first choice of destination. The school was inspected by Education Scotland in November 2015 and received a very strong report stating that *'at all stages of the school, children and young people are highly motivated and actively involved in their learning. They are respectful, hard-working and respond very well to the overall high-quality learning experiences.'* The full report can be found [here](#).

In addition to our current SQA provision for pupils we have recently been authorised by the International Baccalaureate Organisation to offer both the IB Diploma Programme (IBDP) and the IB Careers Programme (IBCP). From August 2021, Lomond will be the only school in the world to offer the IBDP and IBCP along with SQA National 5, Highers and Advanced Highers and an HNC in Business. Further information can be found on our website.

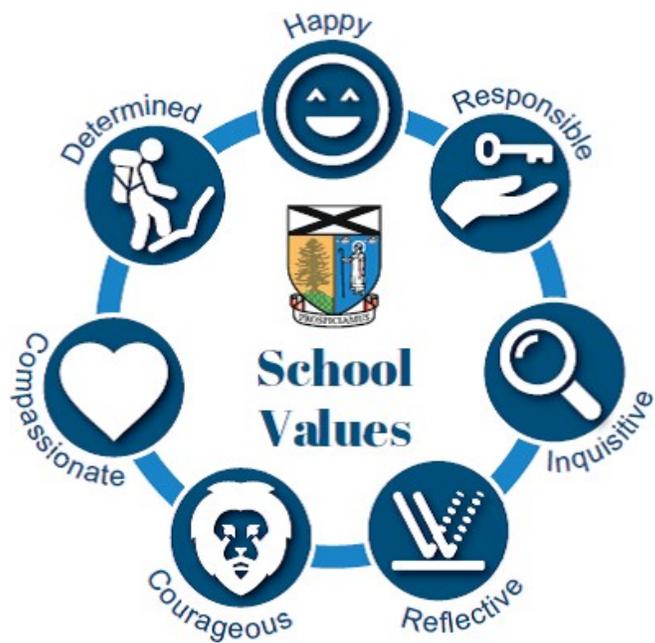
We believe passionately that education should be about supporting our pupils to develop and grow both academically and personally, as rounded individuals with strong values, who are ultimately prepared to embark confidently and successfully on their life beyond Lomond School.



We uphold this commitment with six Guiding Principles that underpin our curriculum and co-curriculum:



Through our guiding principles we aim to provide an excellent education that allows our pupils to develop their academic potential, whilst encouraging and supporting them to develop qualities that represent the core values of Lomond School.



# Working at Lomond School

## The Science Department

You will work closely with the teaching staff in the Science department providing support to ensure that practical classes are fully prepared and ready to deliver. The technician provides support for the three sciences Biology, Chemistry and Physics.

Lomond School's Science Department currently has five teachers, all of whom have their own purpose-built laboratory. The Science department has a strong reputation in the school with more than 80% of pupils opting for two sciences or more in S3; a large percentage of those pupils will continue on to Higher and Advanced Higher Level or the IBDP/IBCP.

General Science is taught to years T2 and S1, after which the separate subjects are taught up to and including Advanced Higher/IBDP Higher Level.

## Benefits

- Happy, well-behaved children with positive attitudes to learning and school
- A hard-working and friendly staff team with a shared desire to be the best they can be
- A strong sense of community and close links with neighbouring schools
- A supportive Governing Body
- Membership of the school pension scheme
- Fee reduction for dependent children



# The Role

## Science Laboratory Technician

We are seeking to appoint an experienced Laboratory Technician.

This role is to support the Science department with particular responsibility for the setting up of practical lessons within the department.

### The successful applicant will:

- Have previous experience in a similar role in either a secondary school/college/industry environment and be able to demonstrate their knowledge of Science Health and Safety legislation
- Have the ability to work in a methodical manner and to prioritise their own workload to meet deadlines
- Have excellent interpersonal skills
- Be committed, flexible and well organised
- Show sensitivity and objectivity in dealing with confidential issues
- Have the ability to work effectively as part of a team, both locally and within the wider team
- Show willingness to research and attend training to further develop skills and keep abreast of new requirements
- Demonstrate the principles and values of the school in everyday work and practice



# The Role

## Responsibilities of a Science Laboratory Technician will include:

- Ensure that science equipment is maintained in line with Health and Safety regulations
- Ensure that Health and Safety procedures are in place and adhered to
- Responsible for the control of stock and ordering of materials in science departments
- Ensure the preparation of teaching aids and materials and assist in science demonstrations and practicals as required
- Provide construction, inspection, maintenance and repair of equipment and organise external repairs or specific maintenance when necessary
- Responsible for fume cupboard testing and recording and in the preparation of chemical reagents and microbiology equipment ensure the COSHH risk assessments are carried out.
- Liaison with external contractors
- Preparation of chemical solutions
- Collection of equipment and materials from storage and their organisation for class use
- Trialling practical activities
- Preparation of microbial cultures in accordance with Safety in Microbiology for Schools
- Checking materials and equipment, before and after class use, for quantity and damage
- Electrical safety checks on equipment used within the Science Department
- Care of plants kept in the science department
- Maintenance of laboratories to ensure a clean, safe and orderly environment
- Cleaning equipment and laboratories after lessons and any chemical spillages when they occur.
- Advising science teachers on safety matters or potential problems with equipment
- Maintenance of and inventory of chemicals, materials and equipment and associated stocktaking duties
- Placing orders and checking deliveries
- Assisting staff with class practical work
- Safe disposal of chemical and biological waste
- Cleaning of glassware and other equipment
- Mounting displays of materials, visual aids and pupils' work
- Checking for updates from SSERC and communicating these with staff
- First Aid trained desirable although training will be provided on appointment
- Visual routine inspection of radioactive sources
- Communication with RPA with the possibility of undertaking handling radioactive sources training with SSERC ([Scottish Schools Education Research Centre](#))
- Liaising with teachers to ensure that practicals are coordinated within and between year groups
- Other tasks that may reasonably be requested by the Heads of Science, SLT or the Principal from time to time

# The Person

## Science Laboratory Technician

	Essential	Desired	Method of Assessment
Qualifications / Experience	<ul style="list-style-type: none"> <li>• BTEC/HNC in Science or equivalent</li> <li>• Experience of working in a secondary school/college/industry environment</li> <li>• Experience of laboratory work</li> </ul>	<ul style="list-style-type: none"> <li>• First Aid Qualified</li> <li>• Eligible to drive a minibus</li> <li>• SSERC qualifications in microbial cultures, fume cupboard testing and Radiation Protection</li> <li>• Experience of organising and participating in extra-curricular activities</li> <li>• STEM Ambassador</li> <li>• Knowledge of Crest Awards</li> <li>• COSHH Training</li> </ul>	Application form  Interview  Production of Applicants certificates
Skills	<ul style="list-style-type: none"> <li>• Good communication skills</li> <li>• Ability to work on own initiative and organise and manage own workload</li> <li>• Able to remain calm under pressure and cope with interruptions</li> <li>• Able to recognise the importance of security, confidentiality and safety in a school setting</li> <li>• Able to work as part of a team and independently</li> <li>• Adhere to school policy and procedures</li> <li>• Flexibility and a sense of humour</li> <li>• Good IT skills</li> </ul>	<ul style="list-style-type: none"> <li>• Proficiency in ICT</li> <li>• PAT Qualified</li> <li>• Knowledge and support with Advanced Higher Investigations, Higher Assignments in Biology, Physics and Chemistry</li> </ul>	Application Form  Interview
Knowledge	<ul style="list-style-type: none"> <li>• Knowledge of Science H&amp;S Legislation</li> </ul>		Application Form  Interview
Personal competencies and qualities	<ul style="list-style-type: none"> <li>• Able to relate well to pupils and parents</li> <li>• Tact, discretion, confidentiality and professionalism at all times</li> <li>• Possess a positive attitude and approach to development</li> <li>• A willingness to adapt</li> </ul>		Application Form Interview  Professional references

# Helensburgh & Lomond

## Living and working in Helensburgh



The town itself offers a wide range of cultural and sporting opportunities. Helensburgh is the perfect location for families who enjoy the outdoors with superb sailing, hill walking and climbing on offer. The community is well served with sports clubs, vibrant music groups and a full range of youth organisations. Helensburgh is well placed to allow commuters a comfortable rail or road journey to Glasgow and also allows for leisure opportunities in the West Highlands and Central Scotland. A superb quality of life can be enjoyed here in a very safe and scenic environment.

Helensburgh is a town of 17,000 people on the edge of the world famous Loch Lomond and the Trossachs National Park. Located within half-an-hour's drive of Glasgow, with its extensive cultural attractions, shopping and international airport, Helensburgh is a magnificent place to raise a family.



In upper Helensburgh, developed by wealthy Victorian Glasgow merchants, is Hill House, now in the care of the National Trust for Scotland. This exquisite building, complete with original furnishings, is renowned as the finest domestic masterpiece of the internationally famous Scots architect, Charles Rennie Mackintosh. Other famous local connections include Henry Bell, originator of the steamship and John Logie Baird, the inventor of television.



Helensburgh was named by The Times as one of the Top 20 places to live by the sea in the United Kingdom in March 2017.

For those candidates living in Glasgow and the area surrounding Helensburgh, the town offers fantastic transport links with a regular and direct train service into Glasgow Queen Street and Edinburgh Waverly.



# INFORMATION FOR CANDIDATES

Normal working hours are Monday to Friday 8:15am to 4:30pm and this role is contracted to work term time plus 15 days during the school holidays. Salary: competitive based on the successful candidate's previous experience and qualifications.

To apply for the Science Laboratory Technician vacancy, please complete the application form which is available on our website. Please submit your completed application form and a letter of application addressed to the Principal, Mrs Johanna Urquhart to: [recruitment@lomondschool.com](mailto:recruitment@lomondschool.com)

The closing date for this vacancy is **12pm on Monday 12 April 2021**. Interviews will take place shortly after.

***Early applications are advised.***

Lomond School is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. All employees will be PVG certified.

