



The Royal School
Wolverhampton



Candidate information pack



Science Technician



Vision and Mission

"The Royal School Wolverhampton" will present a unique offer for the local and the surrounding areas:

"An all- through, 4-19, co-educational, non-denominational day and boarding school, providing outstanding non-selective education for all its pupils, within a strong and supportive community ethos."

This will build upon The Royal's distinctive heritage over the last 160 years, its record of academic excellence, its commitment to educating the whole person, and has the full support of our Patron, the Earl of Wessex. At the heart of our vision is our belief and track record of success in developing the whole person (emotionally, intellectually, socially, physically, creatively and spiritually, through a belief system, which is broadly Christian in its values, but welcoming pupils with other and no faith); alongside our commitment to

ensuring **all** pupils are able to access those academic disciplines and subjects which are the passport to success at university and for future careers.

Through this holistic approach, we will develop the potential of every child, encourage leadership, resilience, responsibility and character, and achieve our high academic aspirations for all, enabling them to lead independent, purposeful and fulfilled adult lives in a rapidly changing, multilingual world.



Mr Mark
Heywood

Dear Candidate,

Thank you for your interest in the post here at The Royal School, Wolverhampton (RSW). To help you decide on whether this is the school for you it is important for you to understand where we have come from and where we are going to. Building on its unique heritage, record of academic excellence, outstanding educational environment, and with the full support and endorsement of our Patron, the Earl of Wessex, the Governors are committed to supporting wider access for pupils of all abilities and backgrounds to The Royal's rich and diverse educational offer. The Royal School, Wolverhampton offers a unique proposition to families in Wolverhampton and its surrounding area of an 'all-through', 4-19, co-educational, non-denominational day and boarding school, with the capacity over time to provide for 1454 pupils, through a carefully managed programme of growth.

Established originally as an orphanage in the 1850s which attracted the patronage of Queen Victoria within a few years of its existence, RSW has a long tradition of promoting opportunity and social mobility within its local and wider boarding based community, and a commitment to the critical role of education in transforming aspirations and outcomes for its young people as well as its wider social role in local regeneration and cohesion. Formally designated as a school by George VI in 1944, it continued to support pupils of greatest need and only amended its constitution in 1964 to incorporate fee - paying pupils (alongside an on-going and substantial means tested bursary and foundation programme), in response to the changing economic climate and local demographics. Whilst remaining fully non-selective and dedicated to supporting pupils in need, this change process has enabled RSW to combine its traditional values and academic offer with a global perspective, to the benefit of pupils, and to create a dynamic outward looking, culturally diverse, yet inclusive school community, within which pupils acquire the rich subject knowledge, life skills, understanding and aspiration to succeed locally, nationally and internationally.

At the heart of our vision for the future of "The Royal School, Wolverhampton" (RSW) is our belief and track record of success in educating the 'whole person' alongside our commitment to ensuring that all pupils are able to access the range of academic disciplines and facilitating subjects (with a particular emphasis on STEM), which are critical to keeping access open to Russell group universities. They will also acquire high level literacy, numeracy and oracy skills, with the longer term intention that higher level maths' qualifications across the range of disciplines Post 16, will become regarded as a 'life skill', applicable to all.



Excellence for all: inspiring individuals to achieve their personal best and to compete and contribute as local and global citizens.

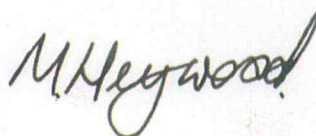
Whether pupils join RSW at Reception, Y7, Y9, the Sixth Form or at any other point of entry, they will achieve success through the ethos and opportunities provided by an 'all-through' approach, by our vertical House system (whereby older pupils act as mentors and model success) - aligned with exceptional age-related pastoral care; through the opportunities afforded by our mandatory extended day and Enrichment Programme which lasts until 5.00pm Monday to Thursday; all of which strategies have been evidenced through a range of recent national studies as having maximum impact on the motivation, self-esteem and attainment of those pupils at greatest disadvantage. Our mandatory and balanced co-curricular programme, which includes CCF for all, access to excellence through the Elite Swimming Academy (which also supports the largest UK, community based Learn to Swim programme with over a thousand pupils from the surrounding area enrolled on a weekly basis) sport, performing arts, cultural, aesthetic and intellectual development, will enable all pupils to engage with an aspirational culture, to become confident, resilient, caring and enterprising, and to operate as leaders, mentors and members of a team in its widest sense. The Boarding dimension and opportunities this affords to enrich the community will also support our fundamental ethos of 'wrap around care' through an approach to 'day boarding' which builds on the extended day, offering additional enrichment, including targeted support and intervention and supervised study sessions, as well as opportunities to socially interact with other boarding pupils and to take part in a boarding community evening meal. For those children who attract the Pupil Premium, Children who are looked after (CLA), and any child experiencing a temporary difficulty in home circumstances, this will be a key characteristic of RSW's on-going flexibility, and has been recognised nationally as a significant factor in supporting those at most disadvantage to succeed.

RSW will build on its predecessor's long history of working constructively with the Local Authority in Wolverhampton, and more widely with Sandwell and Dudley, particularly in supporting CLA through its Boarding provision, and pupils with a Statement of Need/ SEND. RSW will continue to develop its role in broadening local choice and diversity, raising aspirations and outcomes (including stimulating greater access to Russell Group higher education), and addressing the urgent demand for more local pupil places, both at primary and secondary, as well as providing a supportive community for vulnerable pupils, as above, including as recently requested, unaccompanied refugee children who would benefit from the boarding environment.

RSW has a long tradition of fostering outstanding individuals by empowering them to grow, successfully challenge stereotypical assumptions (as evidenced over time in the high levels of attainment of girls in maths and science Post 16) and exceed their expectations within a nurturing and inclusive, culturally diverse community. RSW will build on these values and this success in developing the potential of pupils from all abilities and backgrounds through a holistic programme of academic challenge, personal and leadership development and wider curricular and 'boarding community' life, within a culture of mutual respect and consistently outstanding expectations of attendance and behaviour.

We welcome your application to be part of our community and would love you to visit and see the school in action or call us to talk things through.

Warm regards,



Mark Heywood
Principal



The Royal School ethos

***“Intelligence
plus
character-
that is the
goal of true
education”***

- Martin
Luther King

- Traditional values and behaviour, married with a forward looking, dynamic and global outlook
- Excellence in the arts, on the sporting field, in STEM and across academic breadth
- An outstanding co- curriculum and enrichment programme, provided through our extended day, which nurtures and develops young people across a range of talents, promotes skills for life and underpins academic success
- An inclusive approach to building pupil motivation, aspiration and self-esteem, through our “all-age structure”, vertical House families, and outstanding pastoral and wrap around care, which means that pupils entering RSW at whatever age and stage can be well supported in their learning, and achieve challenging individual targets
- The development of self, personal responsibility and accountability within a vibrant and supportive extended community through our weekly and term time boarding houses, our links with The Royal’s existing alumni and our outstanding programme of engagement with the wider local community
- Staff, children and parents who are committed to learning as the passport to success
- A unique physical location and setting in which to grow and develop, established within the heart of the city

Job Information

Title: Science Technician

Salary: Based on experience and skills

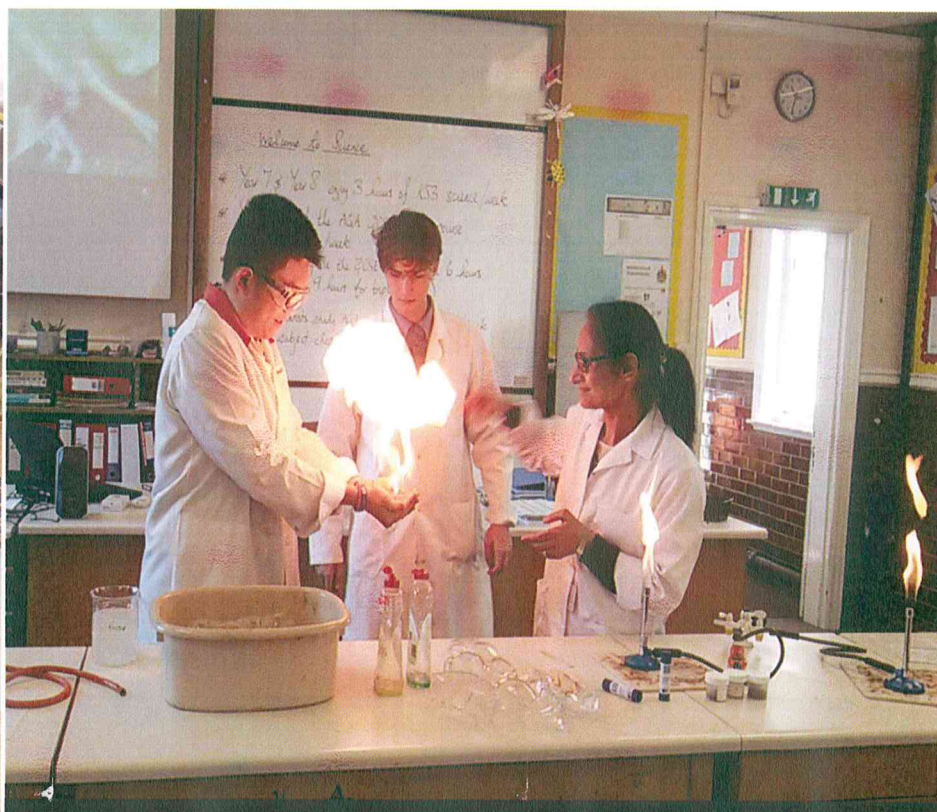
Start date: January 2017

Contract type: Full time

The Royal School are seeking an enthusiastic and innovative Science Technician to join the Royal School from January 2017. The ability to work with pupils up to GCSE is essential. We would welcome applications from both experienced and those new to the profession.

Contribution to the broader curriculum would be an essential part of the role.

We are at an exciting time of development at The Royal and the school has achieved excellent academic results throughout its history and has an outstanding reputation for nurturing and developing confident, well-disciplined and successful individuals who progress successfully to the next stage of their life and career. We relish this next phase in its existence, which enables us to review and build on our current success in preparing our young people for a rapidly evolving world.



Understanding pupils' cultures, interests, needs, and perspectives through an ethos of respect

Salary	Dependent upon experience and qualifications. Term time only plus INSET days.
Purpose	<ul style="list-style-type: none"> To provide the highest quality of education, care and preparation for life for all students in the school. To play a full part in the life of the school community, to support its distinctive mission and ethos and to encourage staff and students to follow this example. To model the school's vision and values through implementation of agreed policy, practices and procedures. To work closely with teaching staff to promote effective working to improve learning and teaching and raise achievement for all students. To motivate staff and pupils. To maintain The Royal School's high academic and wellbeing expectations.
Accountable to	Head of Science Faculty
Accountable for	Supervision of pupils.
Main core duties:	
Main Responsibilities	<p>Main Duties and Responsibilities</p> <ul style="list-style-type: none"> Maintain a safe working environment through the implementation and dissemination of all appropriate H & S legislation and guidance with respect to science education. To ensure that statutory safety regulations and safe practice is complied with, relating to teachers, technicians, and student involvement in the classrooms and workshops. Assist in the planning and organisation of the science practical curriculum to ensure effective operation of the department. Setting up, testing and demonstrating practical equipment to ensure that students gain the most from the scientific experience Recovery of residues, and safe disposal in accordance with legislation Assist in the departmental planning of practical work to ensure effective deployment of resources. Liaising with teaching staff to assist in the development of new ideas and advise on practical demonstration. Assist teaching staff and enable learning through demonstration and instruction including support students with practical work Developing new systems in the laboratories and prep rooms to improve the technical support service Maintain chemical store ensuring resources are safely stored and appropriately documented. Develop systems to ensure the regular maintenance of the laboratory including termly inspections Assist other departments who may have requirements for science equipment for experiments, such as geology/geography and primary school department. Maintain records of books within the department and those issued Carrying out in-house repairs, calibration and maintenance Sourcing contractors for external repairs

	<ul style="list-style-type: none"> • Responsibility for keeping records of capitation and orders placed • Liaise with suppliers to obtain the highest quality for the best price. • Be responsible for inventory management; maintaining a thorough stock control and order system ensuring correct procedures are followed • Assist with the planning and organisation of Royal School events including open evenings, primary liaison activities and STEM activities organised by the science department • Such other duties as shall from time to time be agreed with the Principal and/or Head of Faculty. <p>Other</p> <p>The Royal School is committed to safeguarding and promoting the welfare of children and young people and expects all staff to share this commitment. The postholder's responsibility for promoting and safeguarding the welfare of children and young persons, for whom s/he is responsible or with whom s/he comes into contact, will be to adhere to and ensure compliance with the Royal School's Child Protection Policy Statement at all times. If, in the course of carrying out the duties of the post, the postholder becomes aware of any actual or potential risk to the safety or welfare of children in the Royal School, s/he must report any concerns to the Royal School's Child Protection Officer.</p> <p>The job description will be reviewed regularly and may be subject to modification or amendment at any time, after consultation with the postholder.</p>
General Duties	<ul style="list-style-type: none"> • To adhere to the policies and procedures of the Royal School. • To share in the corporate responsibility for the development and well-being of all students. • Make a positive contribution to the wider life and ethos of the school; • Demonstrate consistently the positive attitudes, values and behaviour which are expected within the School community based on mutual respect between students and staff • To take a pro-active part in the school's performance management system, with the ultimate aim of improving standards of teaching and learning in the school. • To take reasonable care of one's own health and safety and that of others and inform the Estates Manager of any concerns with regard to health and safety <p>Undertake such duties as may from time to time be reasonably assigned by the Principal.</p>
Ethos	<p>Promoting the ethos of the School, as expressed in the mission and vision statements, is a shared responsibility to which all staff make a significant contribution.</p>

PERSON SPECIFICATION

	Criteria	Essential	Desirable
Qualifications	NVQ Level 3 or equivalent qualification in a related discipline.	✓	
	First Aid Qualification		✓
Knowledge & Experience	Knowledge of Health & Safety legislation as it relates to the work of a school	✓	
	Knowledge of COSHH and ESCC regulations in relation to the safe handling and storage of chemicals	✓	
	Knowledge of safe working practices in relation to the handling and usage of hazardous equipment and tools	✓	
	Knowledge of National Curriculum requirements		✓
Skills	Ability to carry out risk assessments in relation to laboratory work	✓	
	Ability to maintain a range of tools and equipment	✓	
	Ability to prepare equipment and materials for lessons, as requested by the teaching staff	✓	
	Ability to work in an organised and methodical manner	✓	
	Ability to identify work priorities and manage own workload within agreed parameters	✓	
	Ability to establish positive relationships with pupils, including those with special educational needs	✓	
	Ability to maintain accurate work records and inventories	✓	
	Ability to work effectively as part of a team and be flexible in responding to staff's requirements.	✓	
Personal Qualities	Strong commitment to own continuing professional development and learning and that of others.	✓	
	Ability to maintain strict confidentiality of information received and processed as part of the job role.	✓	
	Positive outlook and approach.	✓	
	High levels of personal and professional integrity	✓	

	High levels of punctuality and attendance	✓	
	Willingness to participate in further training and developmental opportunities offered by the school to further knowledge	✓	



How to apply

Your completed application form should be submitted electronically to: je@royal.wolverhampton.sch.uk or by post. Please ensure the application form is saved to include your name at the beginning of the title. In compliance with Safer Recruitment guidelines, CVs cannot be accepted.

If you wish to have an informal discussion about this role or visit the school, please email Mr J Whitehead at jw@theroyal.school