



EMMANUEL COLLEGE

*Emmanuel Schools Foundation*

# SENIOR SCIENCE TECHNICIAN

VALUED, CHALLENGED, INSPIRED



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**WE OFFER OUR BEST TO  
EVERYONE AND EXPECT  
THE AMAZING BECAUSE  
WE BELIEVE IN THE INNATE  
POTENTIAL OF ALL PEOPLE”**

# WELCOME

Dear Applicant

I am delighted that you are interested in applying to be a Senior Science Technician at Emmanuel College. We truly believe that Emmanuel College is a fantastic and exciting place to study as a student and work as a teacher. Whilst we are an outstanding school, we do not believe that we have finished our journey for improvement, and we are looking for the right candidate to work as a Senior Science Technician within our Science Department.

At Emmanuel College we want all our students to be enthused and inspired by Science, acknowledging its importance in enriching our lives and society. We want our students to become scientifically literate citizens who make positive decisions for themselves and their world.

We are looking for a candidate who shares this passion for science and is excited by the prospect of helping to deliver an exceptional science curriculum, with practical work at the heart of it, to all students.

Emmanuel College is a truly exceptional school, with excellent leadership, teaching and support for our students. We were inspected by Ofsted in October 2024 and deemed to be 'Outstanding' by all aspects of the school. In addition to this, we achieved record breaking results at both GCSE and in the Sixth Form consolidating our position as one of the top performing state schools both regionally and nationally. As a Christian-ethos school of character for the whole community, everyone is welcome whatever their educational background and ability, faith position, social or ethnic background. Student behaviour is excellent, and we put a great deal of emphasis on ensuring that staff can work in an environment where

students want to learn. These high standards are maintained because of a relentless commitment to expectations and routines and so each teacher should be enthusiastic about upholding these.

We are committed to the holistic development of young people: outstanding teaching goes hand in hand with opportunities for character development. As Principal of School, I am looking for members of staff who are passionate about their subject, have expert subject knowledge and care deeply about securing the best life chances for the young people in our care. I am also interested in learning about you as a person and how you could further support the College beyond the Science classroom.

We believe that we are an exceptional school, not because of any external judgement or academic outcomes, but because we have a deep and abiding commitment to do the best we can for the students, teachers and leaders in our care. We want our College to be a place where staff come to work excited about the work they are doing and looking forward to strengthening the relationships they have with colleagues as well as students. If what you have read above excites you and aligns with your personal values, experience and ambitions, then you are probably the right person for this role and you will love working here.

Matthew Waterfield MA  
Principal

# MISSION

## CHARACTER EDUCATION

We build good character. We learn about good character, why it matters and how to develop it.

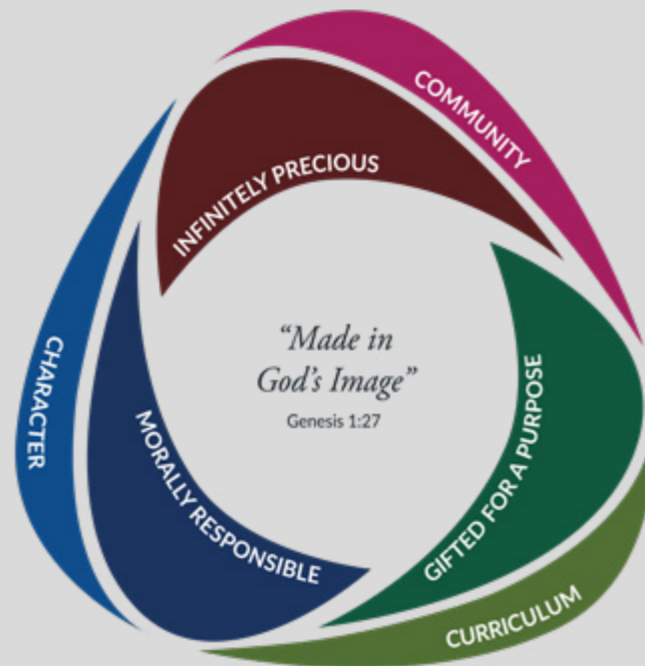
## CURRICULUM EXCELLENCE

We are determined to achieve a personal best. We provide a broad ambitious curriculum that ensures excellent student learning, progress and future destinations.

## COMMUNITY ENGAGEMENT

We serve with gratitude. We use our gifts to benefit the community and the environment.

## OUR CORE VIRTUES



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ALL PEOPLE ARE INFINITELY  
PRECIOUS, MORALLY  
RESPONSIBLE AND GIFTED  
FOR A PURPOSE”



“  
SUPPORTING STUDENTS  
AND STAFF TO BECOME  
THE PERSON THEY HAVE  
THE POTENTIAL TO BE”

## SUPPORT

We recognise that staff are our most important resource: they will have the biggest impact on the quality of education that our students receive. The Emmanuel staff body is an impressive group: well qualified, highly motivated and eminently hardworking. Colleagues are keen to continue developing their practice and the College is committed to doing all it can to support them in these endeavours.

In addition to the normal remuneration package that includes a contributory pension scheme, company sick pay and maternity/paternity leave, Emmanuel staff enjoy a number of additional benefits. These include a daily

lunch allowance, free use of our fitness suite, access to our exclusive Benefits Hub, cycle to work scheme, parking on the College grounds, as well as access to Care First, a free, independent and confidential resource available to employees that can help with all manner of needs.

There is a sense of real community amongst the Emmanuel staff body. Various social events sit alongside the long tradition of colleagues getting together after the College day to play football or netball – new players always hugely welcome!





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OPEN MINDS, A THIRST FOR  
KNOWLEDGE AND INTELLECTUAL  
ACADEMIC CURIOSITY”

# ACADEMIC EXCELLENCE

The Emmanuel College curriculum is designed to engage all students, no matter their background, in a broad and balanced range of subjects. Highly effective teaching and learning principles share our practice and are embedded within every classroom.

## Our curriculum enables students to:

1. acquire the knowledge and cultural capital they need to succeed in life;
2. cultivate strong character and the intellectual discipline to apply their learnt knowledge correctly.

## Emmanuel College is committed, for all students, to:

1. have access to an ambitious, coherent, knowledge-rich curriculum that allows all students to acquire and apply knowledge;
2. experience a straightforward delivery of said curriculum, supported by effective sequencing of topics with long-term learning at its core;
3. engage in reliable assessments that accurately gauge students' progress through the curriculum and further embed knowledge.



# THE DEPARTMENT

The Science Department at Emmanuel College consists of a suite of eleven laboratories, one tutorial room, two preparation rooms and a resource area situated in close proximity to the Mathematics and Technology curriculum areas. Each laboratory is well equipped and all have audiovisual facilities with interactive whiteboards. The Science Department is organised into teams of six biologists, three chemists and four physicists, co-ordinated by the Head of Science with support from subject curriculum leads. Three science technicians support the teaching staff. The Key Stage 3 Science course is delivered in Year 7 and 8 through topics based on the appropriate National Curriculum Programme of Study. Emphasis is placed on the development of investigational skills and the appropriate use of ICT within a traditional framework that encourages the learning and application of key scientific facts and principles.

Students are taught in sets based on ability from the start of their College careers. In Year 7 and 8 each teacher is

expected to deliver all aspects of the Science National Curriculum to students of a wide range of ability. GCSE teaching starts in Year 9 and is taught in topics grouped under the subject titles of Biology, Chemistry and Physics. Around 60 of our students will obtain GCSE awards in the three separate sciences following the AQA syllabi. The remaining students study towards Combined Science: Trilogy. A Level courses in Biology, Chemistry and Physics are well established, follow AS in Year 12 and A2 in Year 13 and are examined at the end of the two-year course. We also offer a BTEC Level 3 in Applied Science which is taught by a large team of science teachers. In all our science courses high standards are expected from the students, and success is defined in terms of hard work and application as well as individual achievement against personal best.



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A RELENTLESS DRIVE TO ENSURE  
THAT ALL PUPILS ACHIEVE THEIR  
FULL POTENTIAL”

# THE PERSON

The successful candidate will be able to lead a team of two other science technicians in the exemplary delivery of technical support in science lessons. The successful candidate will ideally have a Science degree and laboratory experience, and a passion for science education. They will have a secure knowledge of all three science subject areas, and be up to date with curriculum developments in Science. They will be well qualified, self-motivating, adaptable and imaginative and keen to support a large team of science teachers in their delivery of an outstanding curriculum. They will be willing to support with science beyond the classroom, for example STEM clubs and Open Evenings.

There is no requirement that individual members of staff should be Christians, but it is essential however that all

staff understand and enthusiastically support our mission, ethos and values. There is a remarkable unity of purpose within the current staff team as individuals unite around our core beliefs that people are infinitely precious, gifted for a purpose and morally responsible. A desire to work with the most deprived in our communities and those with low academic starting points, as well as with the most able and those from more privileged backgrounds, is an essential prerequisite.

If, prior to submitting your application, you wish to visit Emmanuel College to find out more about the role and the College, then you would be most welcome.



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**WE BELIEVE IN EXCELLENCE IN  
CHARACTER DEVELOPMENT,  
LEARNING ACROSS THE  
CURRICULUM AND SERVICE  
TO OUR COMMUNITIES”**



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**A PLACE WHERE EVERYONE IS  
WELCOME AND SAFE”**

# THE ROLE

The Senior Science Technician will be responsible to the Head of Science for:

1. **Overseeing and planning (in consultation with the Head of Science) of the systems to manage science equipment and chemicals, to include:**

- ensuring and promoting the maintenance of a safe working environment;
- compiling and costing orders and sourcing the best suppliers;
- keeping track of total expenditure on scientific equipment and chemicals within each academic year;
- unpacking and verifying deliveries;
- setting up appropriate storage areas for equipment and chemicals with due regard to COSHH regulations, both in labs, the external chemical store, the store room and the prep room;
- monitoring stock levels and advising the Head of Science when replacements are required;
- ensuring that regular health and safety checks of science equipment, safety equipment, chemicals and radioactive sources are carried out following the schedule in the Department Health and Safety policy and that appropriate records are kept;
- setting up appropriate procedures for timely delivery and collection of equipment from labs and ensuring that all equipment is returned promptly to appropriate storage;
- ensuring best practice in the preparation of chemicals and other materials for use in lessons;
- conducting risk assessments for technician activities.

2. **Managing the work of the Science Technicians, including:**

- planning and provision of appropriate training and experience to ensure they can develop to their full potential in the contribution they can make to the running of the Science Department;
- promoting a positive working atmosphere to the fullest extent possible;
- monitoring their work to ensure they are fulfilling their role effectively and in accordance with best practice in Health and Safety;
- keeping up to date with current Health and Safety regulations and best practices.

3. **Under the direction of the Head of Science, to provide technical assistance during lessons and in extracurricular activities.**

4. **Any other reasonable duties as required by the Principal and Head of Science.**

Please note that this detail is indicative and can be amended, updated or replaced as felt appropriate at any time and in order to remain in line with any future legal requirements or expectations.

# THE OPPORTUNITY

## PERSONAL SPECIFICATION


You will have:

- A degree in science (D)
- 1 year experience working in a school lab, along with some senior technician responsibilities (E)
- Knowledge and understanding of laboratory equipment and procedures (E)
- Problem solving abilities and attention to detail (E)
- Excellent communication and teamwork skills (E)
- A passion for science education and inspiring students (E)

## PERSONAL ATTRIBUTES

The successful candidate will be:

- Highly organised with strong time management skills (E)
- Strongly self-motivated and personally resilient (E)
- Possess exceptional levels of personal integrity (E)
- Proactive and a problem solver (E)
- Aligned to and willing to uphold the school's ethos (E)
- Committed to continual professional development (E)



“A DIVERSE AND TOLERANT COMMUNITY WHERE PUPILS’ INDIVIDUALITY IS CELEBRATED AND WHERE PUPILS’ GIFTS AND TALENTS ARE NURTURED”



# APPLICATION DETAILS

## Vacancy details:

Term-time only plus 2 weeks.

40 hours per week

SCP18-23 - £30,559 - £33,367 (Actual salary £29,019 - £31,686) depending on experience

Local Government Pension Scheme

Daily lunch allowance for the College restaurant during term time

## Deadline:

Closing date: **Friday 21 March 2025 at 9:00am**

Interviews to be held early the following week.

## How to apply:

Potential candidates are more than welcome to arrange a visit to the school. For further information, please visit [www.emmanuelcollege.org.uk](http://www.emmanuelcollege.org.uk) or call HR on 0191 461 4156 or email [hr@emmanuelctc.org.uk](mailto:hr@emmanuelctc.org.uk). A CV may be submitted to supplement your application but will not be accepted in replacement of a completed application form.

[APPLY ONLINE HERE](#)

We are committed to safeguarding and promoting the welfare of children and young people and expect all staff to share this commitment. This post will involve daily contact with children and is subject to an enhanced DBS check. In addition, as part of the shortlisting process, and in accordance with statutory guidance, we may carry out an online search (for publicly available material) to help identify any incidents or issues that have happened which we may want to explore with shortlisted applicants at interview.

Please note that this detail is indicative and can be amended, updated or replaced as felt appropriate at any time and in order to remain in line with any future legal requirements or expectation.



**EMMANUEL COLLEGE**

*Emmanuel Schools Foundation*

Principal **Matthew Waterfield MA**

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**EMMANUEL SCHOOLS  
FOUNDATION**