



## *Information Pack*

# **Teacher of Science**

Stoke Park School & Community Technology College is a large, popular, inner-city multi-cultural 11 – 18 school in Coventry with over 1000 students on roll.



At Stoke Park we have a strong sense of purpose in delivering an inclusive education. We believe that all of our students can succeed given appropriate self-belief, challenge and support. All can achieve outstanding progress.

We are committed to equality of opportunity; our work is motivated by a belief that the education of each member of our community is equally important, and that we are all individuals with differences who can appreciate each other's worth and learn from each other. We believe that every person should be valued for their unique talents, abilities and experiences, but, at the same time, is a member of a diverse and vibrant community.

We are intent on developing a love of learning amongst our students, offering them a broad and balanced curriculum, enhanced by a range of enrichment activities designed to support their personal growth. We encourage all students to take responsibility for their own learning and demand high standards in all they do.



We have an enthusiastic, caring and passionate team of staff who are highly qualified and committed to our school community. We look for these qualities in all staff we employ.

Our aim is to engender well-qualified, well-rounded, emotionally intelligent students who will flourish as confident members of society.

At Stoke Park we are on an exciting journey to becoming an outstanding school.

Our staff benefit from a comprehensive and bespoke training programme which continually encourages them to reflect on and develop their practices. Our aim is to provide an excellent education for all students at Stoke Park by ensuring high quality teaching and learning.





## Stoke Park Science Department

The **Science Department** is a rapidly improving department which has changed in tone and drive over the couple of years. A focus on problem solving and mathematical thinking has driven the department with an analytical approach to interventions and improvement.

### Strengths of the Science Department:

- Highly supportive department who will share resources support each other
- Culture of improvement and self-reflection in the department
- Enrichment Opportunities
- Supportive Head of Department and Technicians



and

### Key Stage 3

Across KS3 we believe that it is important to focus on how science works. We ensure sure that all students can access the skills they need to.

Our curriculum adds challenge for all students focusing on scientific inquiry giving a good platform for their GCSEs.

It is also the time where students can enjoy theirs science and explore the world of science and it is important to make sure that all students get this opportunity.

### Key Stage 4

In Year 10 and 11, the 1-9 curriculum is embedded using PiXL resources to support and assess the teaching. The change in the curriculum is a challenge for the students, however, the focus of the department is firmly on teachers and students identifying areas for development in their learning and then tailoring interventions to help them improve to reach their target grades.



### Post 16

Results at KS5 have been graded by ALPS as outstanding with students regularly achieving A's and A\*s in Sciences and many students going on to study healthcare sciences or Engineering at University.



Criteria	Essential	Desirable	Evidence
<b>Qualifications &amp; Professional Development</b>	Qualified Teacher Status. Science related degree.		Application Form
<b>Application</b>	Well-constructed and well-presented application, addressing the specific requirements of this post.		Letter
<b>Teaching and Learning</b>	Ability to teach Science across Key Stage 3 and 4.  To ensure the needs of individual pupils are met through clear structures for lessons and sequences of lessons, which maintain a variety of activity to accommodate the range of learning styles and pace, motivation and challenge in relation to the students ability and target data.  Willingness to plan and resource lessons collaboratively.	Ability to teach Physics at KS5  Active participation in curriculum development in current post or placement.	Letter / References  Teaching Task at Interview
<b>Professional skills</b>	Well organised.  Proven ability to develop good relationships with colleagues, students & parents.  Evidence of commitment to all children and their development.	Use of ICT for own administration and record keeping.	Letter / Interview / References
<b>Professional Development</b>	Commitment to continuing professional development for self and teams worked in.	Evidence of how your CPD and/or teaching experiences to date have helped you develop into an outstanding practitioner.	Letter / Interview / References
<b>Personal Qualities</b>	Evidence of a sense of humour, enthusiasm and commitment.  Good attendance and punctuality record.  Ability to work to deadlines.  Ability to self-motivate and accurately evaluate own performance.		References / Interview
<b>Safe Guarding</b>	Up to date knowledge of current child protection procedures.  Commitment to promoting the welfare of our students.		Interview
<b>Extra-curricular activities</b>	Understanding the importance of the extra-curricular and community dimensions of our school.		Letter / Interview