



Candidate Brief

stephen perse
foundation

Teacher of Design Engineering

Employment status

Full Time, Permanent

Required from

September 2021

Job location

Senior School

Application closing date

12 April 2021

Welcome from the Principal



I am immensely excited to have been appointed as the Principal of the Stephen Perse Foundation and am really looking forward to leading the Foundation in the years ahead. I am excited because all of the evidence I have seen tells me that the Foundation is superbly well placed, both to meet the challenges, and to seize the opportunities, presented by its future as a leader in modern independent education.

Any school, indeed any group of schools, is only as strong as its people. The Stephen Perse Foundation boasts exceptional people across all of its schools and nurseries, and invests in their recruitment, development and empowerment to ensure its pupils benefit from excellent role modelling, outstanding support and exceptional teaching. As incoming Principal, I realise the central importance of continuing this investment.

At the Stephen Perse Foundation, all are united in embracing the modern world and in seeking to help our pupils to find and take their place in it, as confident, socially responsible adults. We seek to attract people who are inspired by this challenge, people who share the Foundation's values, people who are passionate about our collective vision of developing the change makers of the future.

Richard Girvan
Principal



Work in the heart of Cambridge

Welcome to our vibrant Foundation of schools across Cambridge, Maddingley and Saffron Walden, where we achieve outstanding results because we value individuality.

Cambridge is one of the most famous cities in the world for education and forward thinking. It is a city of ideas – and is home to some of the greatest thinkers in the world – past and present. We believe that learning is everywhere and our surrounding area provides a wealth of inspiration and opportunities to learn.

At the Senior School and Sixth Form, you will work within walking distance of Cambridge city centre, Cambridge University Colleges, world renowned museums, galleries and the University Botanic Garden.



Your role as a Teacher

At the Stephen Perse Foundation everyone is a learner. While our pupils enjoy the benefits of a creative and innovative learning environment, our teachers strive to inspire and engage through using a wide range of pedagogical approaches.

We want every teacher to offer the very best in teaching and learning to our students and this will inevitably, and perhaps even increasingly, involve the digital world. We are iPad 1-to-1 from 11 to 18 and our Junior Schools and Pre-Preps use class sets. We are a leader in the use of digital technology within the classroom and are one of only 11 schools in the UK to be Apple Distinguished Schools. This helps us to support our teachers and learners to have an appropriate use of these technologies.

We don't need you to be a fluent or confident user of technology before you start working with us but we will want you to have an agile and ambitious mind-set that is open to adopting new techniques. Training and support is offered on a regular basis as part of formal and informal CPD and is focused on student learning.



Specific responsibilities

Responsible to: Head of Design Engineering

Location: Senior School

Role Description

The Design Engineering Department is a creative, well established and lively department that encourages students to stretch themselves with their projects and to investigate new materials and processes developing their design skills to the full. We are looking for a full time teacher of Design Engineering for September 2021. The successful candidate will be an enthusiastic and experienced teacher with a proven track record, teaching projects in resistant materials/Product Design to at least KS4. This teacher must have a good subject knowledge who can develop creative projects independently. We are looking for a qualified teacher with a good honours degree, keen to learn and to be adaptable to the changing needs of the Foundation. The new teacher will be required to help run some extra curricular activities, clubs, trips and competitions.

A good number of students choose to do the subject at GCSE level. This September the numbers increased by nearly 400% to 46 students. The department has close ties with our Visual Arts Department. At present, we offer a course in 3D Design which is an Art and Design GCSE endorsed by Edexcel, as well as Design Technology by AQA. We teach types of projects that give opportunities for aesthetic flair in mixed materials as well as integrating technology such as sensors, LEDs, control and sound circuits. We also offer a very popular architecture, sustainability and product design course in Year 9. The department offers A level DT (AQA Product Design 7552).

We have a fully equipped mixed materials workshop with CNC milling machine, 3D printer and laser cutter. There is also space for our technology based projects both within the curriculum and for extra curricular work. The workshops are supported by three experienced technicians. Last summer the whole department was enlarged to accommodate increased numbers with another classroom being converted into a KS3 design and make space/CAD room.

We offer a variety of STEM opportunities for our students. For example, we have been working with the local 'Launch Pad' project working on projects with industry and other local schools. We work closely with the Engineering Development Trust (EDT) ; the year 9 have been involved with the Go4SET project; and in Year 12 the department runs the very popular Engineering Education Scheme. The department also leads in the delivery of a number of cross-curricular projects with an emphasis on team building and problem solving. We also have good connections with the university and local industry. We also participate and help run local technology competitions.

Specific Responsibilities

Teaching and Learning

Under the direction of the Curriculum Leader of Design Engineering:

- Contribute to the teaching of the subject
- Contribute to cross-curricular learning and related learning programmes as appropriate
- Participate in the development of programmes of study and schemes of work
- Produce reports and provide assessment data as required

Additional specific responsibilities:

- Contribute to extra-curricular and enrichment activities as appropriate
- Fulfil a pastoral role within the Senior school as a Tutor of an assigned Form or as a Sixth-form Tutor and to contribute to the guidance and PSHE programmes as appropriate

Being Part of a Team

- As a Member of the Design Engineering Department
- Participate in appropriate meetings with colleagues and parents as required
- Carry out a share of supervisory duties and examination invigilation in accordance with school procedures
- Carry out a share of cover duties for absent staff as required
- Take part in entrance procedures and Open Days as appropriate
- Contribute to the extracurricular life of the School
- Assist in the promotion of the subject within and outside school as appropriate
- Assist in departmental administrative tasks

Professional Development

As part of a community of learners

- Take part in the professional development programme
- Attend induction, training and briefing sessions as required
- Keep up-to-date with developments within school and in relation to your discipline
- Keep abreast of developments in digital learning

General responsibilities

- Act as an excellent ambassador for the Foundation at all times
- Undertake other duties as agreed with the leadership team
- Build and maintain good working relationships with all Foundation colleagues
- Assist as necessary in other Foundation areas at peak times
- Work at all times towards the aims and goals of the Foundation and any individual objectives and targets you may have agreed
- Proactively identify areas for improvements within the Foundation
- Actively promote the Foundation's Equal Opportunities Policy, encouraging staff awareness and participation in all areas
- Act in accordance with the Data Protection principles at all times
- Adhere at all times to Foundation operational and employment policies and procedures
- Take care of your own health and safety and that of people who may be affected by what you do (or do not do)
- Cooperate with others on health and safety, and not interfere with, or misuse, anything provided for your health, safety or welfare
- Follow the training you have received when using any work items the Foundation has provided
- Adhere to the Foundation's Privacy Notice and ensure private and confidential data is kept secure and disposed of in the appropriate manner

This job description is not necessarily comprehensive and the position holder will be required to carry out such other duties as may be reasonably required within the general scope and level of the post.

Safeguarding and welfare of children

The post holder'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 Foundation's Safeguarding and Child Protection Policy Statement at all times. If, in the course of carrying out the duties of the post, the role-holder becomes aware of any actual or potential risks to the safety or welfare of children in the School, s/he must report any concerns to the School's Designated Person or the Foundation's Designated Safeguarding Lead.

All employees of the Foundation adhere to the Safer Working Practices guidance and all teaching staff are required to adhere to the Teaching Standards which can be found on the government website. Terms and conditions All appointments for the Stephen Perse Foundation are subject to satisfactory reference and DBS (Disclosure and Barring Service) checks, proof of identity and eligibility to work in the UK, completion of a medical questionnaire and proof of qualifications.

Salary guide

The successful candidate will be remunerated at the appropriate point on the Stephen Perse Foundation's teaching scale, which is in excess of the state sector teaching scale.

Hours of work

Full time, permanent

Person specification

	Essential	Desirable	Method
Qualifications	<p>Good Honours degree in a design-related discipline</p> <p>Experienced or newly qualified, but a passion for teaching and the subject is essential</p>	PGCE or equivalent	<p>Application Form</p> <p>Applicant's certificates at interview</p>
Knowledge & Experience	<p>A sound knowledge of resistant materials technology</p> <p>Experience in teaching projects in resistant materials to at least KS3</p> <p>Work as part of a team</p> <p>Keep abreast of curriculum developments relating to teaching of Design and Engineering</p> <p>High quality written communication skills</p>	<p>Knowledge of engineering systems and control</p> <p>KS2 teaching experience</p> <p>Familiarity with CAD/CAM systems</p> <p>Experience in using iPads and Google Drive</p>	Application Form
Skills & Aptitudes	<p>Ability to: Work effectively under pressure</p> <p>Motivate and engage with all our students</p> <p>Play an active role in all activities in which the department participates</p>		Interview
Personal Attributes	<p>Professionalism and integrity</p> <p>Dedication and enthusiasm</p> <p>Energy and resilience</p> <p>Approachability</p> <p>Organisational skills</p> <p>Flexibility</p> <p>Interpersonal skills</p>		Interview

Benefits

With excellent benefits and a stimulating environment in the heart of the city, the Stephen Perse Foundation is a great place to work

- Salary sacrifice tech and cycle to work schemes
- Season ticket loan/Discount on train travel
- Free lunch and refreshments provided
- A loan of an iPad, for use whilst employed at the school
- Annual flu immunisation
- CPD programme
- Many of the sites offer covered bike parking
- Free access to the University Botanic Garden
- Opportunity to be involved with projects across the Foundation
- Contributory pension scheme (Teachers' Pension Scheme)
- Private health and dental plan subscriptions (pro rata for part time)





Application process

Please apply directly through our online recruitment portal at www.stephenperse.com/recruitment

We are unable to accept CVs.

The closing date for applications is **12 April 2021**.

Interviews will take place week commencing **19 April 2021**.

Invitation to interview and recruitment arrangements

The Foundation is committed to safeguarding and promoting the welfare of its pupils. The Foundation has a statutory duty to apply for DBS clearance and shall ask the successful candidate to complete an online form which must be cleared before the applicant can commence work. Such checks may take up to 8 weeks to complete.

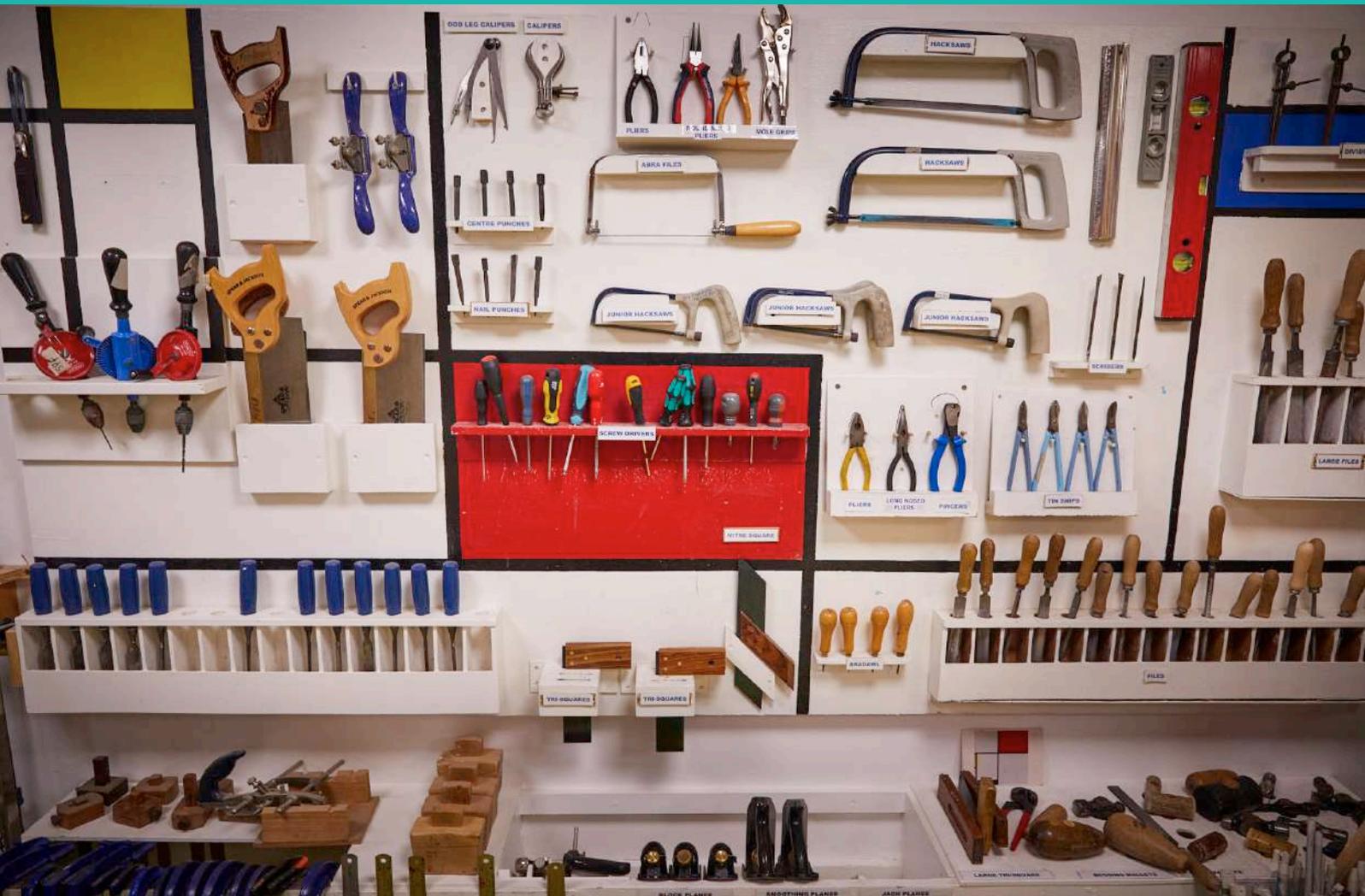
The Foundation has a legal responsibility to ensure that all its employees have the legal right to live and work in the UK. Therefore, you will need to provide original documents verifying that you are eligible to work in the UK to the interview. Details of these will be provided in the invitation to interview.

All candidates invited to interview must bring the original documents confirming any educational and professional qualifications that are necessary or relevant for the post.

Prior to interview please ensure that you are familiar with the [SPF teaching and learning policy](#).

Privacy Notice

Please see our privacy policy which is available on the recruitment portal. www.stephenperse.com/recruitment



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foundation