



## Design and Technology Teacher

### Outline

The King's School Shenzhen International opened its new international campus in Autumn 2022, educating students from Grade 1-12 (UK Years 2-13). This is a state-of-the-art, purpose-built school based on its close relationship with The King's School Canterbury, Europe's oldest school and one of the most prestigious schools in England.

We adopt a genuine 'whole-child' philosophy throughout the school, focusing upon challenging young people through curriculum breadth and depth, with a high degree of active and creative learning, and a wide-ranging co-curricular programme, all supported by the best quality of pastoral care.

All teachers are expected to contribute to all aspects of a student's development.

Having opened the Pre-Prep in 2019 and now the main International School on a magnificent new campus in September 2022, we are now starting our A Level programme. The International School comprises a Prep School (Grades 1-7, UK Years 2-8) and a Senior School, Grades 8-12.



We believe in a very active pedagogy through which our students will be engaged physically in the learning process. We also recognise the importance of a wide curriculum which encourages brain growth, problem solving and flexibility of thought. Therefore, we place a high emphasis upon the importance of developing design and technology in its broadest sense and as fit for the 21<sup>st</sup> century. We have workshops and labs for this purpose

and, with our DJI workroom, there is a strong emphasis upon robotics.

We want the Design and Technology department to work especially closely with Art and Design, Computing and Science, forming a very strong STEAM base for our students. However, our department is in the early stages so this is an exciting opportunity to join and develop a very special provision.

The Design and Technology department is dynamic and purposeful. We work together and with other teachers to achieve transdisciplinary learning within our curriculum. We are aiming for passionate educators that are looking to guide the next generation of designers, problem solvers and believers. We have a large departmental space with many functional workshops. This includes computer labs, carpentry, electronics, plastics and our very own state-of-the-art DJI Robotics lab.

## **School Life and Routines**

All teachers have shared responsibility for smooth daily running of the School as an entity - and for maintaining the general ethos, routine and pedagogy in line with the King's School's Aims and Ethos – as directed within reason by the School Leadership Team.

In so doing, they should:

- ensure that the School's rules and policies are maintained
- attend School meetings and public events
- support co-curricular events and activities
- be prepared where necessary and within reason to cover for absent teachers

## **Safeguarding, Student Welfare and Pastoral Care**

All teachers:

- must ensure that they are fully aware of policies and practices with regard to safeguarding and student welfare
- must ensure that they adhere to the published systems
- must be role models to all students at all times
- must be prepared to do pastoral, tutorial work as designated by the School Leadership Team

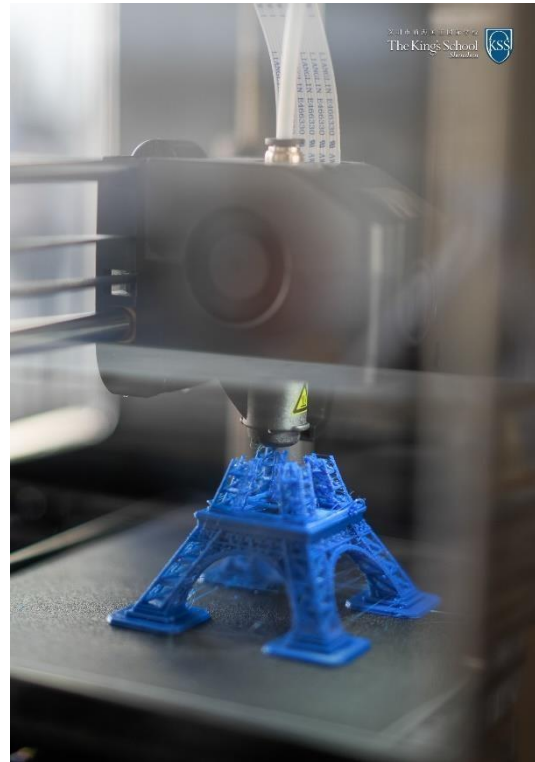
## **Key specific responsibilities**

- To work with the Lead Teacher of Design Technology in setting up the department.
- Teaching across the department: preparing lessons, assessing work, writing reports, meeting parents.
- To help maintain the rooms and equipment in the department.
- To connect and work together with other teachers in preparing Design & Technology learning opportunities, events and exhibition.
- To operate a wide range of tools and equipment to achieve desired results.
- To help to develop the department's outreach programme, connecting with outside technology institutions.
- To work closely with the other school departments and lead in cross-curricular programmes involving Design and Technology.



## General responsibilities

- To ensure that the pupils' welfare is prioritised at all time:
  - being a member of one of the School's Houses and supporting that House in arranged activities
  - ensuring that the school's safeguarding policy and procedures are met
  - communicating with the SLT and parents as required
  - to carry out evening boarding supervision duties responsibly and fully in line with the School's expectations and policy (usually once every two or three weeks)
- To contribute to the School's co-curricular provision in the form of activities, clubs, etc., such as:
  - Sport, performing arts
  - academic enrichment
  - outdoor pursuits
- To do other appropriate duties as directed by the School Principals, such as:
  - co-operating with marketing and admissions
  - attending staff meetings, in-service training, etc.
  - attending whole school events such as Foundation Day
  - serving on school committees



## Personal requirements and characteristics

The applicant/postholder should:

- have at least one relevant degree
- have a teaching qualification and relevant teaching experience
- should be able to operate proficiently a range of carpentry machines and tools
- should have at least 2 years of experience in 3D design software such as but not limited to AUTOCAD 3D, Architecture and Blender 3D
- should be knowledgeable and capable of producing ISOMETRIC AND TECHNICAL drawings
- be able to work in a team
- be organised and efficient
- be willing to be involved in wider aspects of school life
- be a good all-round communicator
- be caring and supportive of students' need and emotional development at all times