**Job description for a Design and Technology Teacher**

We are looking for a full time Design and Technology teacher to join us from September 2019 in our popular and high achieving Design and Technology department.

**Departmental Information:**

The department consists of a large workshop with attached classroom and ICT room. The department is well equipped with woodworking tools and machinery, metal lathes, plastic forming equipment, a CNC laser, vinyl cutter/plotter and 3D printer. The department also has a food technology suite which is used to teach Year 7 and 8 classes. The department currently has a Head of Department, a Design and Technology teacher and a technician.

All students study Design and Technology in Years 7, 8 and 9. This is an option subject for GCSE and A-level with very good uptake in the subject. Student achievement and grades are very high at both GCSE and A-level within the subject.

**The applicant for this job should have:**

* Experience in teaching Design and Technology (Resistant Materials or Product Design) at KS3, KS4 and KS5.
* Good knowledge in CAD / CAM programs including 3D Solidworks and Techsoft 2D Design.
* Good knowledge in using and working with a range of general workshop machinery and tools.
* Good knowledge in materials and manufacturing processes including CNC machinery.
* Knowledge and experience of the new AQA Design and Technology specifications.
* Health and safety knowledge in the use of workshop machinery.
* Excellent classroom and behaviour management.

**The applicant should also be:**

* A creative, innovative thinker with a passion for Product Design.
* Passionate about working with and supporting students in design and manufacturing tasks.
* Keen to take on or have an involvement in extra curricular activities within the department.
* Play a full part in the life of the school community by supporting the school aim, ethos, policies, procedures and routines.