



TEACHER OF DESIGN TECHNOLOGY JOB DESCRIPTION

Job Title: TEACHER OF DT

Responsible to: Head of DT

Main Purpose: To teach Design Technology throughout the Senior School

Safeguarding of Children

Safeguarding the welfare of children is of the highest priority to Sedbergh School. Every employee of the School has a responsibility to:

- Protect children from abuse
- Be aware of the School's safeguarding procedures
- Know how to access and implement the required procedures
- Keep a sufficient record of any significant complaint, conversation or event
- Report any matters of concern to the Designated Safeguarding Lead
- Attend annual in-service training provided by the School

Roles and Responsibilities:

The successful applicant will be expected to teach in the Design Technology Department throughout the whole school, from Year 9 up to A-level. A specialism in Jewellery and Silversmithing would be welcome but is by no means essential. Exact allocations depend upon the skills and strengths of the applicant, however the following roles are expected;

- To fulfil the general roles and responsibilities of a teacher at Sedbergh School
- To promote safe working practice in the Department to the pupils by example
- To teach at all levels in the Design Technology Department
- To assist with the delivery of CAD and CAM to all pupils
- To assist and advise the HoD as appropriate in the evolution of the Design Department's facilities and schemes of work
- To assist in maintaining Departmental documentation and records as required
- To run workshops outside of class times, including weekend sessions by rota
- To assist with promoting the Department and the School when requested

- To teach high quality, inspirational lessons that enable and encourage all pupils to fulfil their potential.
- To support pupils by offering extra help to those who need it.
- To ensure pupils receive regular feedback through verbal and written feedback.
- To contribute to the running of the Department, under the leadership of the Head of Department.
- To ensure school policies and procedures are followed.
- Be responsible for writing academic reports to inform parents and pupils of progress.
- To ensure a regular commitment to professional development.
- To act as a role model to pupils, modelling the school values and maintaining those expectations in the classroom.
- To set assessments and prepare pupils for public exams, under the direction of the Head of Department.
- To maintain high standards of behaviour and conduct, awarding and recording merits and academic concerns as appropriate.
- Will work in a collegiate manner, supporting colleagues and pupils.
- Ensure that they maintain up to date knowledge of the latest CPD developments through engagement with the school's teaching and learning group and information, and the completion of CPD as directed by the Head of Department.
- To provide clear structure for lessons. To ensure appropriate pace, differentiation and engagement for all pupils.
- To ensure a safe learning environment for all pupils.
- Evidence positive action to improve the quality of teaching and learning
- Inspire confidence in their pupils, through constructive feedback and support, to raise educational standards and ambition.
- High standards of professional manner, dress and conduct should be always met.
- Professional communication between pupils, parents and colleagues should be upheld.
- Maintain regular communication with tutors, HSMS and the SMT, through the use of the school rewards and sanctions system.

The role offers great opportunities for personal and professional development in a School that aspires to be the market leader in all areas of Boarding School life. A proactive attitude to INSET training is encouraged and supported by the school.

Other Duties:

The successful candidate would be expected to contribute to the pastoral life of the School as a Resident or Non-Resident Tutor in one of the nine Boarding Houses. They would also be responsible for the delivery of PSHE to their tutor group.

There is also a strong expectation that the successful candidate will participate fully in the school's extensive extracurricular activity programme, which embraces all talents. The school has a national reputation for Sports and candidates with coaching experience would be very welcome.

The school operates a two-week timetable with lessons lasting for 55 minutes in the morning and 50 in the afternoon. There are three lessons on a Saturday morning.

The Design Department

Design Technology is taught at Sedbergh both at GCSE and A-level (both through AQA courses). The Department has a longstanding tradition of strength in these areas reflected by the fact we are the only school nationally to hold a Millennium Products Award. We continue to innovate in our approach to Design Education and are one of only two schools in the country to offer a dedicated Jewellery and Silversmithing option at GCSE and A-level. This ambitious approach was recognised by the Jewellery industry when in a national vote we were awarded the British Jewellers Association (now NAJ) 'Newcomer of the Year Award'.

Within Product Design the department has had several winners at the Institute of Mechanical Engineers TDI awards.

The Department embraces a mix of traditional skill-based work and state of the art CAD and CAM technologies. We allow our pupils to undertake ambitious projects at both GCSE and A-level and believe that they learn not only about our subject but also many other valuable life skills in doing so. Pupils at Sedbergh range across all abilities but are typified by a determined and resilient approach to challenges, they are genuinely proud of their school and a pleasure to teach.

Year Group Structure

Year 9 are taught via a rotation of projects to provide a broad base of experience across Design Technology.

GCSE has become increasingly popular over the past four years, so much so that the Department has on occasions had to cap numbers. There are currently approximately 40 pupils doing GCSE as an option, split across all teaching staff.

A-level has seen a fluctuation in numbers between 4 and 20 pupils depending on the year. It is not uncommon for pupils to go on to study Product Design or related degrees at University. A-level involves a traditional major project of the pupil's choosing and we encourage pupils to take risks and be ambitious. All pupils in the exam groups are allocated the teacher most suited to tutoring their specific project where possible.

The Department regularly achieves good value-added results at both GCSE and A-level and caters for both the less able and highly academic pupils. We work very hard, and our pupil's success is our core desire and motivation. Workshops are open until 6pm every day including weekends on a rota.

Facilities

The Department boasts a good range of both high-end CNC technology, as well as traditional engineering machines and facilities. These include a range of CNC milling machines including a Roland MDX540 with rotary axis and tool changer, as well as a large 60W laser cutter.

Other facilities include state of the art digital pulse MIG welding, plasma cutting, investment casting, panel and radial arm saws and a fully equipped woodworking workshop. We make extensive use of our high-end CAD workstations that are based across two separate teaching suites, as well as being supplemented by a Wi-Fi network throughout the Department. The Department is currently housed in one of the first purpose-built Design buildings to exist in independent schools.

Extra curricular / Industrial links

We have strong links with international software companies, in particular Solidworks. Professional training in the software can be provided through both internal and external INSET. Knowledge and of experience of CAD is desirable however a willingness to embrace the technology is essential. Our pupils regularly liaise with commercial companies including a local metal laser cutting firm, the Birmingham Assay Office, and assorted technology companies. We believe where possible in encouraging pupils to make contact with experts in the real world of design and manufacture.

Other Duties:

- All staff are expected to contribute to the extra-curricular and boarding programme of the school.
- Accommodation may be available for applicants interested in additional boarding commitments.

Health and Safety:

All staff should be aware of the school's health and safety policy and implement it as appropriate.

Safeguarding:

All staff employed by Sedbergh School are expected to take responsibility for promoting and safeguarding the welfare of children and young persons for whom they are responsible or with whom they come into contact.

These roles and responsibilities provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the level of this post.

Sedbergh School is committed to safeguarding & protecting the welfare of children. Applicants must be willing to undergo child protection screening appropriate to the post, including checks with past employers and the Disclosure and Barring Service.

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