MOULTON SCHOOL





AND SCIENCE COLLEGE

**TEACHER OF DESIGN & TECHNOLOGY**

**Part-time 2 or 3 days per week**

**Teachers’ Professional Scale**

We are seeking to appoint for September 2018, a qualified and enthusiastic teacher to join our Design & Technology team. The successful candidate will be expected to teach within the Design and Technology Resistant Materials area of the subject.

**THE DESIGN FACULTY**

The Design Faculty at Moulton School and Science College is well established and has an excellent reputation within the local area. The department is staffed by six specialist teachers supported by two technical staff.

Design has specialist facilities located in two distinct areas of the school, the Food Technology department consisting of one kitchen and one demonstration/theory room are located in the main school building and is equipped with a whiteboard, projector, and a full-class bank of Chromebook computers connected to an A4 colour printer. The Design & Technology including Textiles areas are located in a newly refurbished specialised building that includes facilities for working with both compliant and non-compliant materials. The building also provides a centralised learning resource facility equipped with audio-visual equipment and a network of PCs which are linked to a range of in-put and out-put devices including a CNC router machine, a 3D printer, a laser cutter, two cutter-plotters, a number of Janome sewing and embroidery machines, and sublimation printing.

Design has developed significantly over recent years, both in terms of facilities and curriculum. We pride ourselves in looking forward, a vision based on sound pedagogical principles, keeping the best of traditional thinking and being receptive to new challenges and philosophies. Food Preparation and Nutrition and Design & Technology (textiles, graphics, systems and control, and resistant materials) are taught to all Year 7 and 8 students, preparing them with a foundation for further and specialised study to GCSE and GCE qualifications. The faculty has aspirations to broaden the range of subjects it offers at GCE A Level, currently AQA 3D Product Design is offered.

**THE DESIGN AND TECHNOLOGY CURRICULUM**

**Key Stage 3 (Y7-8)**

All students receive two one-hour lessons of design and technology each week. Throughout Years 7-8 students are taught, via a range of strategies, to make sound decisions, to communicate their thinking, and to develop practical skills. There is a strong emphasis on developing knowledge, understanding, and capability.

Taught in groups of no more than twenty, students stay with their class teacher for the whole year, and projects taught cover the breadth of the design and technology curriculum. In recent years it has been usual for a teacher to teach across two or more specialised areas, including food preparation and nutrition, textiles, resistant materials, systems and control, and graphics.

**Key Stage 4 (Y9-11)**

At Key Stage 4 Design and Technology has become an option subject and students can opt to take a course in one design and technology specialism to a GCSE qualification. Again, group sizes are capped at twenty students.

**Post 16**

Currently, 3D Product Design course is run very successfully to A level.

**THIS JOB DESCRIPTION** reflects the major tasks to be carried out by the post holder and identifies a level of responsibility at which they will be required to work. In the interests of effective working, the major tasks may be reviewed from time to time to reflect changing needs and circumstances. Such reviews and any consequential changes will be carried out in consultation with the post holder.

The post holder will ensure that reasonable care is taken at all times for the health, safety and welfare of yourself and other persons, and comply with policies and procedures relating to health and safety within the School. Demonstrate awareness/understanding of equal opportunities and other people’s behavioural, physical, social and welfare needs. To carry out any other duties which fall within the broad spirit, scope and purpose of this job.

PERSONNEL SPECIFICATION

TEACHER OF DESIGN & TECHNOLOGY

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| **CATEGORY ITEM** | **ESSENTIAL** | **DESIRABLE** |
| Experience | * Teaching of Design & Technology at KS3 / KS4 * Experience / awareness of role of tutor / pastoral role | * Experience of comprehensive education * Teaching at AS/A2. |
| Education and Training | * Degree in Product Design, or equivalent * Evidence of a commitment to further professional development |  |
| Aptitudes | * Ability to set high standards and to motivate pupils and staff * Ability to work co-operatively within the department in the ongoing production of resources, schemes of work, assessment systems, planning documents etc. * Ability to maintain high standards of discipline. * Effective classroom manager * Good organisational skills and resource management skills. * Ability to use ICT for personal and classroom purposes. * Ability to monitor and evaluate progress. * Willing to help support extra-curricular activities, e.g. theatre trips, revision clubs. * The ability to converse at ease with members of the public and provide advice and information in accurate spoken English is essential for the post. |  |
| Disposition | * Committed and enthusiastic * Highly motivated * Imaginative and innovative * Willingness to learn and share insights (a reflective practitioner) * Enjoys working effectively in a team * Shows initiative * Co-operative and flexible * Empathy with pupils of all abilities and dispositions * Suitability to work with children * Sense of humour |  |
| Job Specific Requirements | * Excellent knowledge of Design & Technology * Understanding of the National Curriculum requirements for Design & Technology |  |

May 2018