



<b>Post Title</b>	<b>Design and Technology Technician</b>
<b>School / Organisation</b>	Avanti House Secondary School
<b>Location</b>	Stanmore
<b>Grade</b>	Grade 4, £27,980 - £28,213 per annum, pro rata (Approximately £22,376- £24,239per annum (0.79972 FTE))
<b>Hours</b>	37.5 Hours per week
<b>Contract Type</b>	Permanent Term Time only
<b>Reports to</b>	Head of Design Technology
<b>Preferred Start Date</b>	June 2026

### MAIN PURPOSES OF THE JOB

To undertake technical duties in support of the Design and Technology department, ensuring workshops, machinery, materials and resources are maintained to a professional standard.

To provide technical expertise that enables the safe and effective delivery of practical Design and Technology education.

To maintain and develop workshop facilities, equipment, CAD/CAM technologies and health and safety systems within the department.

### RESPONSIBILITIES OF THE JOB

- Carry out preparatory work, under supervision, for practical lessons, in both Design Technology and Food Technology.
- To provide technical advice and guidance to staff and students regarding materials, manufacturing processes, machinery and equipment.
- Deliver apparatus, equipment and materials to classrooms, retrieve after use and return for appropriate safe storage. Creation of appropriate safe storage methods.
- Manage workshop stock levels, procure materials and components, maintain inventory records and develop effective storage systems. Assist in maintaining stock levels and in carrying out stock checks, placing regular orders for materials and components.
- Maintain, inspect and service workshop machinery, hand tools and equipment. Diagnose faults and liaise with suppliers, contractors and manufacturers where necessary. Contacting suppliers and manufacturers when appropriate.
- Maintain workshop environments to professional industrial standards, ensuring efficient organisation, cleanliness and safety, including cleaning and routine care of all equipment.
- Take a leading role in maintaining workshop health and safety documentation including risk assessments, operating procedures, maintenance records and compliance with BS4163 and CLEAPSS guidance for all of the design and technology practices taught by teaching staff.
- Assist with the set-up and cleaning of Food Technology practical exams for all key stages.
- Assist with the setting up and use of ICT equipment within the Design and Technology department.
- Dismantle, create, produce and prepare displays for walls around the Design and Technology department under instruction from the Head of department.
- Participate in the maintenance of satisfactory standards of health, safety and security with regard to the technician service in the Technology and Art department in accordance with School policy.



<b>RESPONSIBILITIES OF THE JOB</b>			
<b>Criteria</b>		<b>Requirement</b>	
		<i>Essential</i>	<i>Desirable</i>
1.	Educated to GCSE – including in English, mathematics and science	X	
2.	Level 3 qualification or higher in Engineering, Manufacturing, Product Design, Construction, Maintenance Engineering or a related technical discipline.		X
3.	Up-to-date training in health and safety and an excellent track record in the field of health and safety – in particular relating to laboratory work		X
4.	Commitment to high standards in all areas of school life	X	
5.	Extensive working knowledge of workshop machinery, manufacturing processes, materials and CAD/CAM technologies.	X	
6.	Experience maintaining safe workshop or industrial working environments.	X	
7.	An ability to work creatively as an individual and as part of a team	X	
8.	The ability to interact and deal sensitively with people	X	
9.	The ability to make decisions in consultation with the Class Teacher and colleagues as appropriate	X	
10.	The ability to use ICT	X	
11.	Commitment to the safeguarding and welfare of children and young people	X	
12.	Supportive of the school ethos and its Equal Opportunities Policy, and be aware of the implications of working in an educational establishment	X	
13.	To adhere to the confidential nature of pupil information	X	
14.	The ability to communicate effectively, orally and in writing with pupils and a wide range of adults in and beyond the school	X	
15.	A willingness to take responsibility for their own professional development	X	
16.	Flexible, enthusiastic and resourceful to meet new challenges	X	
17.	Good organisational skills and ability to manage, and use resources effectively and efficiently	X	
18.	Able to move equipment and support pupils with mobility difficulties	X	
19.	The ability to use your own initiative and work under pressure	X	
20.	The ability to enthusiastically and loyally promote the school's vision and mission statement through behaviour, words and actions	X	

### FURTHER INFORMATION



Due to the nature of this role, it will be necessary for the appropriate level of criminal record disclosure to be undertaken. In making your application, it is essential you disclose whether you have any pending charges, convictions, bind-overs or cautions and, if so, for which offences. This post will be exempt from the provisions of Section 4 (2) of the Rehabilitation of Offenders Act 1974. Therefore, applicants are not entitled to withhold information about convictions which for other purposes are 'spent' under the provision of the Act, and, in the event of the employment being taken up; any failure to disclose such convictions will result in dismissal or disciplinary action. The fact that a pending charge, conviction, bind-over or caution has been recorded against you will not necessarily debar you from consideration for this appointment.

For further information - <https://avanti.org.uk/wp-content/uploads/2025/09/Child-Protection-and-Safeguarding-Policy.Autumn-25-2.pdf>