

Person Specification Technician (Design and Technology)

The Futures Trust and Barr's Hill School are committed to safeguarding and promoting the welfare of Children and Young People, and require all staff and volunteers to share this commitment.

Responsible to	Head of Faculty – Create & Perform
Grade	Grade 3 – (£21,044 FTE – Pro Rata £18,200 per annum)
Hours	32 hours per week or more part time available. Term time only plus one week (39 weeks)
Location	Based at Barr's Hill School

	Essential Criteria	Desirable Criteria	Measured By
Education and Qualifications		<ul style="list-style-type: none"> • Possession of appropriate certificates for centre lathe, cross cutter, pillar drill, band saw, tool grinder, planer, circular saw and any other relevant qualifications appropriate to this role. • First Aid Qualification • GCSE grade C or above in English and Maths or equivalent • Certificate for workshop and machinery Health & Safety • Health and Safety at Work certificate including safe storage and use of COSHH substances • A relevant level 3 qualification e.g A-Level or NVQ3 	Application Form Certificates
Skills and Abilities	<ul style="list-style-type: none"> • Able to communicate effectively verbally and in writing to obtain and provide information, give assistance and receive instruction. • Highly organised; able to prioritise workload, meet deadlines, remain calm under pressure and cope 		Application Form Interview Test

Skills and abilities continued	<p>with interruptions.</p> <ul style="list-style-type: none"> •Able to work independently and as a member of a team. •Able to work with adults and learners. •Able to follow instructions and guidelines, to recognise procedures and operate in a safe systematic and methodical way. •Able to adapt work and train in new technologies or new equipment. •Able to assist with demonstrations of equipment and practical exercises to learners. •Able to prepare and maintain tools, equipment, materials and workspaces. •Able to work in accordance with the school's safeguarding policies and procedures and recognise when to report concerns. •Able to consistently produce high quality work and maintain accurate records. •Able to administer first aid in accordance with training. •Able to liaise with external agencies in a professional manner 		<p>Application Form Interview Test</p>
Experience	<ul style="list-style-type: none"> •A minimum of 12 months working in a role providing relevant experience. •Safely using and maintaining relevant equipment. •Experience of using own initiative to problem solve. •Planning for the efficient and cost effective use of resources. 	<ul style="list-style-type: none"> •Working in an education environment 	<p>Application Form Interview</p>

Knowledge and understanding	<ul style="list-style-type: none"> • Knowledge of metal and Wood machinery / tools (milling machines, lathes etc) used in Design Technology including CAD/CAM • Knowledge of materials used in Design Technology • Knowledge and understanding of health and safety issues and COSHH • A basic understanding of the needs and characteristics of young people 	<ul style="list-style-type: none"> • How to administer first aid • How to produce risk assessments • Knowledge of 3D printing and 3D design software. • Knowledge of Laser cutting and 2D design software. 	Application Form Interview Test
Knowledge and understanding continued	<ul style="list-style-type: none"> • A basic understanding of the needs and characteristics of young people • Working knowledge of Microsoft Office 		Application Form Interview Test
Other requirements	<ul style="list-style-type: none"> • A professional role model who is committed to their own professional development and to developing others • Committed to and able to promote the aims of the school and the values of the Trust: Learners First, It's about Learning, No Barriers. • Able to work flexibly and to attend INSET days as required 		Interview

Person specification reviewed by: Pete Curran – Head of Faculty Create & Perform

Date: March 2023