

Mulberry

Schools Trust

Job Pack

DT Technician

Mulberry School for Girls (Part of the Mulberry Schools Trust)



Mulberry
Schools Foundation



Mulberry Arts
Creative Changemakers



GLOBAL
Girl
LEADING



Connecting
Secondary and
Primary Schools

Teach
First



WOMEN
OF THE
FUTURE
Ambassadors
Programme



WELCOME



Founded in 2017, we are a flourishing multi-academy trust of primary and secondary schools in London and East Sussex. We believe in outstanding achievement for all, and our aim is to develop creativity, leadership and a life-long love of learning in all of our students.

Our Trust is deeply rooted in the local communities we serve and outward facing in our ambitions. We are committed to achieving excellence for every child and young person, and to making a lasting, positive difference to the education system as a whole. Our schools provide both an exceptional education and life-enriching opportunities beyond the classroom, so that every young person leaves confident, highly qualified and ready to thrive. In this way, we help ensure students go on to lead happy, fulfilled lives, making a positive contribution to their communities, to society and to the wider world.

We are extremely proud of our dedicated staff, governors and trustees who work tirelessly to create inclusive, ambitious and nurturing school communities. Alongside our schools, our Mulberry Changemaker programmes open up new pathways for students and families. Meanwhile, the East London Teaching School Hub and Mulberry College of Teaching provide excellent teacher training and professional development. I warmly invite you to explore our website to find out more about our work, our people and our vision.

Ms Alice Ward

Interim Chief Executive Officer, Mulberry Schools Trust



Mulberry School for Girls is a high achieving, oversubscribed and successful girls' comprehensive school for pupils aged 11 to 18. Our aim is to ensure that all our pupils leave the school as highly qualified, confident and articulate young women with a wealth of experience in the wider world. We expect all our pupils to achieve outstanding outcomes academically, but we also believe strongly in developing a life-long 'love of learning'.

Our school is a place where girls' talents and abilities are nurtured in a safe, creative space and where they can develop their ambitions, creativity, leadership and the power for self-determination. We believe these things will enable our pupils to lead enriched, happy and fulfilled lives, making a contribution to their own community, to British society and to global well-being.

There is an outstanding enrichment programme which includes Model United Nations Global Classrooms, women's education conferences, youth conferences and the Girl Guides, the Duke of Edinburgh's Award, sport clubs, residential visits and over 50 weekly lunch-time and afterschool clubs. Our curriculum is enriched through extensive links with a range of organisations including Woman of the World Foundation, Four Corners, Magic Me, London Stock Exchange, the BFI, and the Donmar.

We are also part of the Mulberry Changemaker programmes including the innovative Mulberry STEM Academy, a partnership with Mercedes-Benz Grand Prix Ltd and the Mulberry Production Arts Academy, a partnership with the National Theatre, the Royal Central School of Speech and Drama and TAIT. Mulberry School for Girls is also home to the East London Teaching School Hub and the Mulberry College of Education, providing new teachers with training, support, and mentoring.

Ms Fatima El-Meeyuf

Principal, Mulberry School for Girls



OUR VISION

Our vision is to be a key provider for quality education so that all of our students leave us as highly qualified, confident and articulate young people with a wealth of experience. This vision is under-pinned by moral purpose – a desire to do more to improve the quality of education for all children and young people – and a commitment to schools working together to secure an inclusive, ambitious, collegiate and high-quality offer.

A Mulberry education is premised on three under-pinning principles:

01 Access to education and the chance to be educated is a human right in a civilised world.

We believe that every young person should receive the same opportunities and quality of education, regardless of their natural ability or where they come from. Our Trust was formed to enable our partners to deliver the best possible educational outcomes for their young people and the communities they serve through sharing expertise and promoting outstanding practices.

02 Education should provide rich intellectual and personal development for individuals and communities of people.

An education offered by the Trust is concerned with the spiritual, moral, social, cultural and physical development of people so they have self-determination and can create for themselves fulfilled, happy lives. It is also concerned with equipping people for employment, making a contribution to the economy as well as enabling them to sustain themselves financially.

03 Education is a public good.

To have universal school education brings economic and social benefits to the whole of society; it creates greater peace, prosperity and economic and social well-being. The Mulberry Schools Trust is outward facing and contributes to education beyond the doors of its own schools.

These principles shape the aims of the Trust's education: the curriculum that is delivered, the personal development that is offered and the wider opportunities that are provided across the system.



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Girl
LEADING



Teach
First

Global
Classrooms™
Learn. Live. Lead.

WOMEN
OF THE
FUTURE
Ambassadors
Programme

T S B



OUR AIMS

Our aim is to develop creativity, leadership and a life-long love of learning in our students which will enable them to lead enriched, happy and fulfilled lives, making a contribution to their own community, to British society and to global well-being.

Every student will receive an education that:

- 01 Engenders high levels of academic and technical ambition**
- 02 Provides rich personal development**
- 03 Enables the development of students' high aspirations and self-determination**

Bringing Down Barriers to Success

Our shared background in providing for disadvantaged communities has inspired the Trust to build up a broad network of partnerships to aid and develop student experience, opportunity, drive and success. It is our belief that there should be no barriers to each child's future and that society should, and can, be a level playing field. Aspiring for this to be reality we promise to:

- **Emphasise high quality subject teaching that is reinforced by excellent support for learning and intervention.**
- **Deliver inclusion services that assist personal development.**
- **Provide excellent pastoral care so no student goes unsupported.**
- **Continually develop strong leadership and have high levels of expertise in education, supplemented by knowledgeable, committed and challenging governance.**

Partnerships with Impact

We take great pride in our extensive network of partners, covering all key areas; education, business, community and culture. Each of our partnerships contribute to and enrich our curriculum offer for students and form an integral part of our unique and inspiring learning environment.

These strong collaborative partnerships enrich our curriculum offer and provide students with unique opportunities which support and enhance their learning including trips, motivational speakers, visits and mentoring. Above all, the partnership activities broaden our students' horizons, taking their learning beyond the classroom and providing a unique insight.



ABOUT MULBERRY SCHOOL FOR GIRLS

Mulberry School for Girls is a successful and oversubscribed 11-19 comprehensive school with over 1600 students, close to Whitechapel and Shadwell in the London borough of Tower Hamlets. The school is fully inclusive in all year groups, including the Sixth Form, and in July 2024 Ofsted graded the school 'Outstanding'.

Performance at GCSE is significantly above national average in terms of progress and attainment and this has been the case for a number of years. Following the 2024 exams, the school achieved a progress 8 score of 0.61, well above average. In summer 2024, students at Mulberry achieved strong levels of success at GCSE, with 77% of student achieving 9-4 in English and maths. The ambition to achieve amongst Mulberry students extends into Sixth Form with destinations including Oxford, Cambridge, Edinburgh, St Andrews and the London School of Economics as well as record number of students going on to study Medicine. Despite being located in one of the country's most deprived areas, students at Mulberry now achieve well above national standards in all areas, proving that schools can overcome the attainment gap.

A relentless focus on high quality Teaching and Learning

The key to excellent outcomes lies in the classroom, students achieve well because teachers deliver lessons which excite and engage learners, and which challenge students at all levels of ability. In addition, the school's research-led approach gives teachers the opportunity to try out new approaches in the classroom. Members of staff are able to access a range of high-quality professional development, which ensures that they are consistently refining their practice in order to secure the very best outcomes for students. Many have postgraduate qualifications, and young teachers are encouraged to take on leadership opportunities. This helps the school to recruit and retain talented teachers and other staff members.



About Role

As a Design and Technology Technician will share the schools aims for the pupils and support and contribute to school policies in respect of equal opportunity, behaviour management and independence skills. The Technician is responsible to the Head of D & T for technical and administrative duties to all areas of the faculty.

Job Description

Job Title:	Design & Technology Technician
Reports to:	Head of Faculty
Contracted hours:	Full-Time (35hrs p/w)
Working hours:	8.30am-4.30pm Monday to Friday (1 hour break) <i>Working hours are subject to review/change as and when the needs arise, to meet the demands of the school services.</i>
Salary scale:	NJC Scale 5, Spine Point 12-15
Liaising with:	Teaching and non-teaching staff, students

PURPOSE OF JOB:

The D & T Technician is part of the school staff structure and will contribute as part of the staff team to the development of the school ethos and culture. The Technician will share the schools aims for the pupils and support and contribute to school policies in respect of equal opportunity, behaviour management and independence skills. The Technician is responsible to the Head of D & T for technical and administrative duties to all areas of the faculty.

CORE RESPONSIBILITIES

- To carry out regular safety checks on specialist hand tools, electrical equipment and machinery, determining maintenance schedules, keeping appropriate records and reporting defects appropriately. This includes pillar drill, band saw, sewing machines and other electrical equipment and machinery.
- To work alongside teachers during practical Product Design and Technology lessons, designing and making products to aid pupil work and progress and to ensure a safe working environment for both teachers and pupils (e. making a jig)
- To be aware of, and comply with Health and Safety at Work requirements in relation to the duties of the post
- To assist with the risk assessment(s) of incoming equipment and safety audits of equipment
- To dispose of hazardous waste materials such as extraction equipment (e.g. band facers/band saws)
- To be responsible for the tidy and safe storage of tools and materials after lessons and to ensure that they are available and in good, safe condition for use, ready for next lesson
- To maintain an overview of consumable materials to ensure that stocks are maintained and orders placed on an efficient time scale, this is specifically for product design.
- To liaise with suppliers and relevant agencies on the purchase, repair and maintenance of all DT workshop equipment and where necessary collect materials or equipment from external supplies
- To arrange tools, jigs and fixtures and materials for focused demonstrations (whole class and small groups)
- Assisting with students' difficulties during a specialist making task activities in a Product Design and Technology lesson.

- To prepare rooms and materials/resources for lessons, demonstrations, using the appropriate hand or machine tools where necessary
- To provide specialist in class support for demonstrations to aid teacher delivery, give advice and assistance when required in the use of CAD/CAM tools and materials
- To provide technical advice and help to staff and students for example: creation of jigs and fixtures as required by staff for classroom demonstrations or pupil use
- To cascade training in use of tools and equipment to new and non-specialist teachers
- Any other duties commensurate with the grade.

CORE GREENPOWER RESPONSIBILITIES

- Assist in the design, construction, and maintenance of Greenpower electric race cars.
- Provide technical support during Greenpower events and competitions.
- Ensure all Greenpower activities comply with safety standards and regulations.
- Work with students to develop their skills in engineering and problem-solving.

The postholder will be expected to undertake training, as required, to be effective in carrying out all duties. The duties and responsibilities in this job description are not exhaustive. The postholder may be required to undertake other duties that may be required from time to time within the general scope of the post. This job description is correct at the date of publication and may alter over time as the needs of the School/Trust changes.

Person Specification

MINIMUM REQUIREMENTS	ESSENTIAL / DESIRABLE
A relevant qualification at a minimum level 2, and / or industry recognised technical qualification(s); or equivalent experience in a relevant field	Essential
Experience of providing technical support to a science team in a “real time environment” such as education	Essential
Practical craft experience.	Essential
Multimedia workshop skills in relation to hand and machine tools used in schools.	Essential
Able to design and make teaching aids employing basic carpentry workshop skills.	Essential
Possess a competent standard of written and spoken English and be numerate.	Essential
Competence in the use of computer aided administration tasks that include word processing, record keeping, data handling, spreadsheets and retrieval of information.	Essential
Ability to liaise with staff and establish professional working relationships, including all members of the school community.	Essential
Knowledge of, or an enthusiasm to learn, applications of new technology, especially Computer Aided Design and Computer Aided Manufacture.	Essential
Be motivated, flexible with an ability to work effectively as part of a team and contribute to a fresh start department.	Essential
Ability to show initiative, work independently, to prioritise and self-direct, as appropriate.	Essential

How can I apply?

You will need to complete the application form on the online TES application form which includes your letter of application explaining why you are the perfect person for this rare and exciting opportunity. Please be aware that we can't accept any CVs for this post.

Please complete your application directly online via TES. If you have any questions about the role or the process, please get in touch with us at hr@mulberryschoolforgirls.org.

Closing Date: 22nd May 2026

Interview Date: TBC

Start Date: ASAP

We will shortlist and interview on rolling basis so early applications encouraged.

The school is committed to safeguarding and promoting the welfare of children and expects all staff and volunteers to share this commitment. The successful candidate will require an enhanced DBS clearance. We are dedicated to equality and valuing diversity.

Candidates who are selected for interview will be informed following the shortlisting process and full details of the interview will be provided. If you do not hear from us within 14 days of the closing date of the position, unfortunately, you have been unsuccessful on this occasion.

We will seek references on shortlisted candidates and may approach previous employers for information to verify experience or qualifications before interview. Any relevant issues arising from references will be taken up at interview.