Hessle High School & Sixth Form College

Information for Candidates

Design and Technology Technician

Mr V Groak
Headteacher

Part of The Hessle Academy
Hessle High School
& Sixth Form College
Tranby House
Heads Lane
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East Riding of Yorkshire

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Our Academy

The Hessle Academy is one of only 170 all-through schools in the country providing education and support for students aged 3-19. The Academy comprises Hessle High School and Sixth Form College and Penshurst Primary School.

The Hessle Academy is a founding member of The Consortium Academy Trust, a fast-growing Multi-Academy Trust, formed in 2017. The Hessle High School and Sixth Form College is set in attractive grounds, located on Heads Lane, with excellent views down the River Humber and across the spectacular Humber Bridge.

The Academy, located in the East Riding of Yorkshire, primarily serves the East Riding town of Hessle and some parts of West Hull. Smaller groups of students are drawn into the secondary phase from the neighbouring small towns and villages of East Yorkshire as well as from Barton, in North Lincolnshire. Proximity to the M62 ensures easy access to the motorway network and other major cities in Yorkshire and beyond.

Historically, Hessle High School was a split-site school, however, in January 2016 we took possession of our new single site school. Staff and students alike are now enjoying the benefits of high-quality accommodation, equipped with the latest technology and specialist facilities that are among the best in the region.

The Hessle Academy is a good and ambitious school. This was recognised by Ofsted in our most recent inspection in September 2018, when the achievement of students, quality of teaching, behaviour and personal development of students and leadership and management were all judged to be good. In recent years, outcomes for students have been consistently above average in terms of attainment and the school is a disciplined and well-organised environment. We have high standards of school dress and have clear expectations on punctuality, attendance and behaviour. Our students are positive and respond well in all aspects of school life.

The Sixth Form College is focussed on providing high quality teaching and care to secure the best achievement and outcomes for all. As a school, we have a long history of partnership working in this area, being a part of 'The Consortium', a widely recognised successful sixth form partnership with two other local Academies. Students are able to study at Hessle as well as having the option to study subjects at either of the other Consortium Academies.

The Sixth Form is based in the historic Tranby House, a Grade II listed building that was fully refurbished and brought back to its former splendour in our recent renovation. Tranby House now comprises a Sixth Form social area and catering facilities as well as extensive study facilities. Sixth Form students play a full roll in the life of the school, but equally will continue to enjoy the advantages of this dedicated provision.

The Academy prides itself on the wide range of extra-curricular opportunities offered to our students. Annually, students take part in over 300 teams, clubs, and events.

The Hessle Academy enjoys an excellent reputation amongst the local community and is a popular choice amongst parents. During our recent Ofsted inspection, a response to the Parent Survey commented that;

"All the staff from the headteacher to the caretaker seem to genuinely care for the children from a pastoral care and academic point of view".

Multi Academy Trust

In September 2017, The Hessle Academy Community Trust, Wolfreton School and Sixth Form College, along with Cottingham Academy Trust and founded a new multi academy trust, 'The Consortium Academy Trust'. The schools have a shared history of over 25 years of working together through our Consortium Sixth Form partnership. In September 2018, Howden School joined the Trust, in October 2018 Holderness Academy and Sixth Form joined and most recently in September 2019, Winifred Holtby Academy.

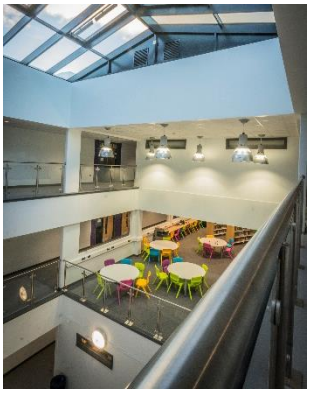
The Trust has been developed in order to provide a platform to deliver high quality educational experiences for the children and young people within our local community, to enhance and improve their life chances and enable them to make substantial and sustained contributions to society. We will achieve this by building a strong, regional offer that supports the educational aspirations of current and future generations while providing excellent career opportunities for staff.

The Consortium Academy Trust:

- Promotes excellence for all learners
- Actively encourages shared working, adopting common approaches where it is in the best interests of learners
- Establishes robust and transparent systems of accountability

The Consortium Academy Trust (TCAT) currently comprises of five secondary schools and three primary schools with a significant staff team.





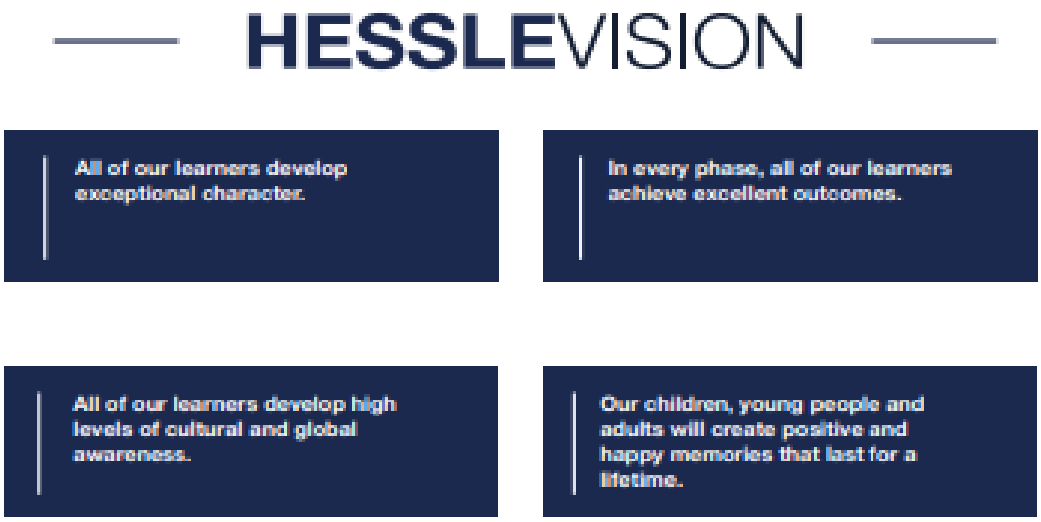




Values And Vision

"Everyone can achieve the extraordinary"

Our Vision for Our People:





These set of six core principles underpin everything that we do. They guide our behaviour and our decision-making. They are timeless, unchanging statements of what we believe to be important.

Our Values and Vision have been inspired by all of our learners and staff. They are important to us and they will guide our behaviour and decision-making.

The Academy Values and Vision are displayed prominently around our Academy and are shared with our parents, staff and stakeholders at every opportunity.

New Staff and Newly Qualified Teachers

All new staff benefit from a comprehensive induction programme that ensures a smooth start to your career at Hessle High School and Sixth Form College.

Newly Qualified Teachers benefit from an extensive and well-regarded support programme, led by our Teaching and Learning Lead Practitioner and our Director of Studies. This weekly twilight programme is fully supported by members of SLT and other staff with a wide range of experience in the school.

New, but more experienced, colleagues will also benefit from our 'buddy' programme whereby all new staff work closely with an existing member of staff to ensure that you can quickly and smoothly become familiar with how things are done at Hessle!

Staff Development and Wellbeing

Staff Development and Wellbeing is a Strategic Development Priority at Hessle. We know that, in order to deliver continued quality education for our young people, our staff need to be well-trained, dedicated, energised and happy. In addition, we expect everyone in our school to want to get better, from students to teachers to support staff to senior leaders. That is our ethos.

To that end, our CPD programme encourages staff to take responsibility for their own developmental priorities, fully supported by the Senior Leadership Team and subject leaders. Staff Wellbeing is a consideration in all decision-making, including how we undertake lesson observations, our marking policy and meeting schedules.

This does not mean that out staff do not work hard. They are fully committed to providing the best education for our young people and recognise the well-known phrase;

"It won't be easy, but it will be worth it.

Standards of Achievement at Hessle - Validated

In the 2018 GCSE exams:
68% of students achieved a Grade 4 in both English and Mathematics
49% of students achieved a Grade 5 in both English and Mathematics
The school achieved a positive Progress 8 score of 0.25.

In the 2018 A Level exams:
47% of grades achieved were Grades A*-B
80% of grades achieved were Grades A*-C

Leadership Team

The Senior Leadership Team at Hessle High School & Sixth Form College is an experienced, ambitious and committed team. All members are believe firmly in the school's vision and values and all share a determination to secure continuous improvement and achieve the best for students. The Senior Leadership Team comprises:

Headteacher
Deputy Headteacher
3 x Assistant Headteachers (Inclusion and Safeguarding, Standards, Student Welfare)
Director of Sixth Form

The Operations Manager is the senior member of the support team, the leaders of the English, Mathematics, Science Faculties form part of the school's Extended Leadership Team. Each member of the Senior Leadership Team (SLT) acts as a line manager for a Director of Learning, Curriculum Leader or House Leader. This enables informed strategic direction and ensures both curriculum and pastoral challenge and support through monitoring, self-evaluation and development initiatives.

A commitment to continuous professional development is a key quality shared by all members of the team and as a result, individuals have had the opportunity to take on different responsibilities over the years. Faculties are led by either a Director of Learning (English, Maths, Humanities, The Arts and Science) or a Curriculum Leader. These senior middle leaders posts are supported by TLR 2 middle leaders.

All staff, teaching and support, are members of one of the four Houses: Ariel, Cassio, Orlando and Portia. Teaching and non teaching staff are vertical tutors in one of the four Houses, Houses are led by a House Leader and supported by a Student Services Manager.

The Vacancy

Applications are invited for the post of Design and Technology Technician in this popular and successful school to start as soon as possible.

Personal Qualities and Experience Required:
This is an exciting time to join the team and we are looking for someone with excellent communication skills, who will be creative, enthusiastic and committed to support the work of the DT department; providing help and assistance to staff and students.

The successful candidate will have experience of working with Resistant Materials and an awareness of COSSH and HSE Regulations. A H&S qualification would be desirable, as would confidence in demonstrating techniques and machinery to school aged children. Woodworking skills, basic electronics and maintenance skills are essential.

The role will include:

- the upkeep of tools and machinery
- supervising workshop tasks
- setting up the classroom/workshop, materials, tools in line with COSSH regulations
- checking and clearing away equipment after lessons
- disposing of waste according to HSE regulations
- providing assistance and expertise during practical lessons
- ordering materials and ensuring the stock room is clean and tidy and resources stored appropriately
- maintaining departmental records
- carrying out regular safety checks on equipment; conducting repairs where appropriate

The Department
The team is led by a passionate and inspirational Head of DT, who is supported by three specialist DT teachers. The department prides itself on its excellent results, extra-curricular activities and close working relationship.

The Design and Technology department is fully committed to enthusing all learners in the specialisms of Technology and is devoted to inspiring students to aim for success, learn to challenge themselves creatively, be resourceful, innovative and enterprising citizens, prepared for their next journey. The department plays a significant part in ensuring that every child is given the chance to reach their true potential.

The Curriculum
The DT department aims to provide broad and balanced curriculum. Students are given the opportunity to work creatively in a range of subject specialisms, when designing and making, in addition to applying technical and practical expertise. Teachers enable students to understand and apply an iterative design processes through which they explore, create and evaluate a range of outcomes, challenging themselves innovatively to respond to needs, problems and opportunities.

Extra-Curricular Activities
The department prides itself delivering cross-curricular projects, investigations and learning as well as offering extra-curricular sessions that enable learners to understand and develop essential life skills throughout Key stage 3, 4 and 5 and be prepared/supported in progressing onto their next steps. As a department, Design and Technology offer additional provision in various forms (workshops / clubs / afterschool sessions), which offer extra opportunities and also ensures every learner has a team of staff who deliver relevant, consistent, specialist and technical expertise throughout their studies, in order for them to achieve their full potential. As well as all of the above, each year Technology plan/offer a range of trips/visits and partnerships with external business/professionals.

How to apply

Complete our application form and return to:

Electronic applications:	employeesupport@hessleacademy.com
Paper applications:	FAO: Operations Manager The Hessle Academy Tranby House Heads Lane Hessle East Riding of Yorkshire HU13 0JQ

In support of your application you may choose to provide a letter of application incorporating any special contribution you could bring to the department/school.

The closing date is 9.00 am on Thursday 21 October 2021. *Please note that we reserve the right to close this post early or extend the deadline*.

Should you have any queries, please contact: Sarah Greenley, Operations Manager, Telephone: 01482 648604.

We wish you every success with your application.

Job Description

Post Title:	DT Technician
Responsible To:	Head of Department - Design & Technology
Scale Point:	SCP05

Main purpose of the role
To assist with the provision, organisation and distribution of resources to staff and students at Hessle High School.

General Duties and Responsibilities:
- Liaise with the Head of Department and other department staff regarding lesson requirements on a short and long term basis
- Organise classroom and workshop areas in line with daily timetable and plans
- Produce class-sets of materials and resources for student use, as directed by teaching staff
- Set up teacher demonstrations
- Discuss with students their design ideas up to and including A2 Level and formulate a list of resources both readily available and for possible acquisition. This will include resistant materials, graphic products, electronics, food technology and textiles
- Assist teaching staff by contributing to the learning of students in KS3 & KS4 by:
    - Assisting individuals and small groups of students with practical work
    - Demonstrating methods and techniques to selected groups of students at the request of the class teacher
    - Responding to student requests for help and advice on appropriate tools, materials and safe working practices.
- Assist members of teaching staff to improve the quality of learning in KS5 by:
    - Demonstrating the safe use of machinery and practical equipment
    - Responding to student requests for help and guidance on selecting suitable materials
    - Assisting individual students with the specific requirements of AS and A2 projects
- Research external sources for the supply/purchase of materials and equipment
- Ensure Portable Equipment carries a PAT safety check label, any equipment not meeting this requirement should be isolated and reported to the Facilities Team
- Maintain all equipment to as safe standard, service equipment, record faults, repair equipment or arrange for its repair
- Use and clean CAD/CAM machines where necessary
- Construct apparatus, equipment and teaching aids
- Maintain COSHH register and advise staff and students on H & S issues in your area
- Maintain a current inventory of equipment
- Carry out First Aid, if appropriately qualified, on staff and students injured in your curriculum area
- Undertake display work, laminating and administrative work
- Attend and participate in Subject Team Meetings and respond to requests as required
- Other duties commensurate with the post

Expectations
The Hessle Academy has high expectations of all its employees to ensure that they provide a professional service to our young people and the community of Hessle and beyond. The post holder has a significant level of daily guidance and should prioritise the safeguarding of young people at all times

Appraisal Targets will be aspirational and set on an annual basis in discussion with the Line Manager.

As a member of staff of The Consortium Academy Trust
- Role model appropriate behaviours within a professional environment including conduct, communication and personal appearance
- Demonstrate a commitment to Restorative Practices
- Role model high levels of literacy and numeracy including modelling appropriate language
- Have high expectations of students
- Aspire to develop your professional skills and qualifications
- Use all forms of social media appropriately
- Take responsibility for the reputational management of The Trust Schools
- Contribute to systems of evaluation and performance of the organisation positively.

PERSONAL SPECIFICATION

DT Technician

Category	Essential	Desirable	Evidence
Qualifications and Training	• Relevant qualification in Design Technology subjects • DBS clearance • Commitment to continue own personal development	Design and Technology Association (DATA) qualification and training in the use of band and circular saws, milling machines and centre lathes	Application form References Qualification Certificates
Experience	• Experience of safe usage, operation, cleaning, upkeep, minor repairs and maintenance of workshop equipment.	• Experience of working in similar environment. • Experience of working with laser cutters.	Application form Interview References
Skills, knowledge and aptitude	• Knowledge of safe usage, operation, serviceability, maintenance and correct application of a wide range of machinery, equipment, tools and materials, associated specialist tooling etc. • Engineering design and construction techniques/solutions • Comprehensive understanding of design and technology methodologies and practices • Up to date knowledge of engineering design, construction techniques and solutions • Problem solving and analytical • Good communication skills • IT skills • Knowledge of health and safety, electrical regulations and COSHH.	Willingness to hold a first aid qualification	Application form Interview References
Personal Attributes	• To be able to work as part of a team and build positive relationships • An ability to take initiative and seek advice where appropriate • Energy and enthusiasm • Commitment to safeguarding and promoting the welfare of children and young people. • Ability to establish good working relationships with all relevant stakeholders • Strong team ethic and supportive of others • Good health record • Sense of humour		Application form Interview References