



The School

Aylesbury High School (AHS) is a forward-thinking girls' grammar school that values both academic and pastoral excellence and co-curricular opportunities with the vision of developing uniquely talented young adults, who are independent, strong and confident

We create a welcoming environment which draws the very best from all in our community. Achieved by providing an ambitious education that stimulates creative and critical thinking, values diversity and facilitates dynamic personal development.

The AHS values are Confidence, Respect, Engagement, Aspiration, Teamwork and Enjoyment and we want all our community to experience, develop and demonstrate these characteristics both within the curriculum and through our extensive co-curricular offering.

The Department

Design & Technology is based in a well-appointed, purpose-built centre containing two Product Design workshops, a Textiles room and a Food Technology room, and a 30-station computing suite.

The Design & Technology team consists of five teachers and two support staff. Although the Design and Technology curriculum is mainly taught in the individual subject areas, there is a team approach to the organisation and the teaching of Key Stage 3.

Design & Technology is taught from Years 7 to Year 9, through a variety of different courses. The Key Stage 3 curriculum is very successful in providing a sound background for the Engineering GCSE course.

In Key Stage 4 the department prepares pupils for the AQA Engineering GCSE course. The department also offers the AQA Product Design A Level course.

There are fully equipped purpose built rooms in the Technology Centre. The department is continually developing the CAD/CAM facilities and has 2 3D printers, a sublimation printer with heat press and a vinyl cutter to complement our 2 laser cutters. There is also a CAMM 2 milling machine and an embroidery/sewing machine. The excellent ICT facilities in the school have enabled CAD/CAM to be used in a variety of courses in the department.

How to apply for the role

Please complete the AHS application form and include a covering letter

Applications can be:

- e-mailed to: hr@ahs.bucks.sch.uk or
- posted to: Mrs Lisa Greenway, Finance & Operations Director, Aylesbury High School, Walton Road, Aylesbury, Bucks HP21 7SX

Closing date: Monday 11th December, 9.00 am

Interviews: Later that same week

SAFEGUARDING STATEMENT

CVs alone cannot be accepted for safeguarding reasons

If you are shortlisted for this post, you will also be required to complete a self-disclosure form as part of the recruitment process; this will not be used for shortlisting purposes.

The School is committed to safeguarding and promoting the welfare of children and expects all staff to share this commitment. Our Safeguarding Statement is [here](#). The appointment will be subject to references which are satisfactory for the advertised post, an enhanced DBS check with a Child Barred List check, identity checks, prohibition orders and qualification checks as appropriate.

We encourage early applications for all vacancies and reserve the right to close our vacancies at any time should the right candidates be found.

Job Description

JOB TITLE:	Design Technology Technician
LINE MANAGED BY:	Subject Team Leader Design & Technology
DATE:	January 2024
PAY RANGE:	Bucks Pay Range 2

1. Job purpose

To promote the aims of the school, as expressed in the School Statement.

To support the work of the Design Technology area.

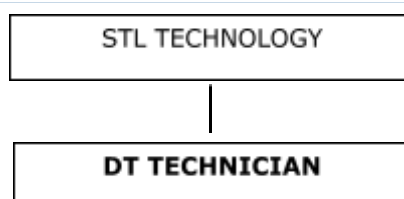
2. Dimensions

20 hours/week, term-time plus INSET days. The working pattern can be reasonably flexible. Training will be provided where required.

3. Performance standards

The DT Technician will be judged against this job description and any targets set as part of the appraisal process. Post holders will be expected to undertake appropriate CPD activities, as required.

4. Organisation chart



5. Principle accountabilities

The duties include:

- Ensuring the D&T rooms are safe working areas and that all machinery and equipment complies with current Health and Safety legislation and Codes of Practice, as to BS 4163 21/22, CLEAPSS for resistant materials and electronics.
- Ensuring that risk assessments are available for all the relevant activities, processes and procedures within the department and assessments are reviewed when necessary.
- Maintaining the Health and Safety documentation for the department, updating when required and informing staff of relevant changes.
- Preparation of materials for class lessons, in liaison with teaching staff, and including the use of the circular saw, laser cutter, 3D printers and the band saw.
- Care and general maintenance of equipment, machines and tools, including an upkeep of appropriate records for TC6 and TC7 the D&T storeroom (off TC7).
- Cleaning and general tidiness of benches, cupboards and sinks, including the storerooms and Heat Bay in TC6 and TC 7.
- Emptying the dust extraction systems on a regular basis.

- Maintaining adequate stocks of materials and equipment, including ordering and checking deliveries and completing the annual stock check.
- Storage of students' part finished work and general storage and security of materials and equipment in TC6 and TC7.
- Preparation of machinery and equipment/tools for practical lessons.
- Manufacturing products using CAD/CAM.
- Assisting with displays of 3D design work and 3D products.
- Establishing and maintaining beneficial contacts from industry.
- Working as part of the Design and Technology team and attending team meetings when appropriate.

Additional Duties:

- Work with other members of the Support Team to contribute to the school improvement process.

The requirements of the post may vary from time to time without altering its essential nature or level of responsibility.