



Design Technology & Engineering Scholarships



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DESIGN TECHNOLOGY & ENGINEERING AT WHITGIFT

The Design Technology & Engineering Department has been recognised nationally as a 'centre of excellence' for many years. Students regularly exhibit their work, and we have an enviable reputation for success in producing Arkwright Scholars. The facilities comprise of a CAD/CAM centre with a 3D printer, three computer-aided design suites, an engineering workshop, a heat treatment area with a CNC plasma cutter, and three multi-purpose workshops.

Over the past three years, 69% of all students taking GCSE have averaged either an A* or A grade, while 89% have averaged an A*– B grade at A Level.

WHITGIFT DESIGN TECHNOLOGY & ENGINEERING SCHOLARSHIPS

Scholarships, with a fee remission of between 5% and 50%, are available to boys who show a particular aptitude and interest in design technology and engineering. A successful candidate will be expected to demonstrate a commitment to a design technology and engineering activity at Whitgift, both in terms of the curriculum and the wider life of the School, in order to maintain receipt of the Scholarship.

Candidates should demonstrate flair and technical ability in one or more resistant materials, along with a subtle understanding of the design process. They will be asked to submit a portfolio of their work, together with the Scholarship Application Form and a testimonial from a design technology or engineering professional, which will be viewed by members of the Design Technology & Engineering Department.

Listed below are some guidelines to assist in assembling a portfolio of work. These are guidelines only and are not prescriptive, as it is recognised that some boys will have particular strengths which they will wish to emphasise, and not all boys will have had the same access to a variety of media and/or processes.

Portfolio Guidelines

The initial portfolio would contain sketches, designs and photographs of work. If selected to attend the assessment day, a maximum of three 3D modelling works should be brought in on the assessment day.

Designing:

- The ability, through sketches and designs, to visualise ideas (e.g. from conceptual sketches to accurate finished drawings)
- The ability to demonstrate skills in computer graphics

Making:

- To demonstrate creativity and inventiveness through a variety of means (e.g. by mechanical, structural or electronic components)
- To produce accurate models by using either kits or your own construction skills

Quantity

- 10 examples of work on A3 or A4 paper should be seen, as a maximum for the portfolio
- No more than three 3D pieces should be presented on assessment day

Three Don'ts

- Please do not be afraid to put in unfinished work
- Please do not put in work that has been done only at school
- Please do not put in endless versions of the same item

Potential scholars will need to have reached a suitable standard in the entrance examinations, and have been selected, in order to be invited in for a scholarship assessment.

The Presentation (on the assessment day)

The presentation will form the basis of an interview with the Head of Design Technology & Engineering, and the candidate will also be asked to perform a practical task, which will last the remainder of the day.

The Design Technology & Engineering assessment day will be held on Wednesday 17 January 2018.

Internal Scholarships

Boys who enter Whitgift without a Design Technology & Engineering Scholarship, and progress significantly in their design technology and engineering studies, may apply for an Internal Scholarship after being in the School for two years. These scholarships will run throughout a pupil's time at Whitgift, subject to annual review. They are conditional on the award holder making good progress and contributing, as appropriate, to design technology and engineering at Whitgift. The pupil's teacher should make a recommendation to the Head of Design Technology & Engineering.

DESIGN TECHNOLOGY & ENGINEERING SCHOLARSHIP APPLICATION FORM

We would be grateful if the Scholarship Application Form could be completed and returned to the Admissions Office as soon as possible, and by Thursday 30 November 2017 at the latest, together with photographs of a selection of your son's work and a testimonial from a design technology and engineering professional. This should accompany the main Whitgift Application Form.

| | | | |
|----------------|----------------------|---------------------|----------------------|
| Surname | <input type="text"/> | First Names | <input type="text"/> |
| Date of Birth | <input type="text"/> | Telephone Number | <input type="text"/> |
| Parental Email | <input type="text"/> | Parental Salutation | <input type="text"/> |

Year of Entry to Whitgift (please circle) 6 (10+) 7 (11+) 8 (12+) 9 (13+) 10 (14+) 12 (16+)

| | |
|----------------|----------------------|
| Address | <input type="text"/> |
| Current School | <input type="text"/> |

Please specify any relevant information relating to your son's application for a Design Technology & Engineering Scholarship



Please specify any relevant information relating to your son's application for a Design Technology & Engineering Scholarship
(continued)

[Large greyed-out area for providing relevant information]

Parent or Guardian (please print)

Signature

Date



Please return with the main Application Form to:
Admissions Office, Whitgift School, Haling Park, South Croydon, CR2 6YT, United Kingdom
Telephone: +44 (0)20 8633 9935
Email: admissions@whitgift.co.uk