



Middleton Technology School

Design and Technology Department

The Design and Technology Department at Middleton Technology School is recognised as one of the most successful, our results have been on an upward trend for several years, with the vast majority of learners achieving positive progress 8. We are committed to providing for our students the broadest possible experience with high quality teaching incorporating the latest in technology resources.

We currently have a suite of 10 rooms which have facilities for all aspects of technology including electronics, graphics and resistant materials, CNC facilities in each resistant materials workshop, textiles rooms, and a department IT room including SCANTEK equipment.

Our resources include 80 PCs, 4 Roland CAM machines, a Unimatic Miller, CNC Milling Machine, A3 colour printer, A4 colour printers, A4 flatbed scanners, Airways pneumatic kits, 2D Design and AutoDesk Inventor. There is also dedicated engineering machinery in two of our workshops.

The Technology team comprises 10 teaching staff with a range of specialisms including resistant materials, product design, electronics, textiles and engineering.

We have technical support through two full-time department technicians as well as support from the school ICT Technicians.

Our curriculum model in Technology is undergoing some new and exciting changes at KS3 and 4. The learning environment is constantly updated and improved with the addition of new equipment to enhance a very well resourced department. A system of extra curricular lessons is in place at KS4 to support all ability levels. BTEC First's in Engineering is now delivered alongside GCSE's at KS4 and as far as possible students option choices are being expanded and supported. Expectations of students and staff are high and results in the department are excellent.

Staff development within the school and the wider teaching community is well supported; the Design and Technology team consists of well qualified and committed individuals who are dedicated to the development of our students.