



## Head of Department: Mr Bee

The Design & Technology department at Carlton le Willows is a strong, well-established department offering a range of courses at Vocational, GCSE and A Level.

The team of five teachers and three technicians is innovative and enthusiastic about the teaching and learning of DT and aim to provide students with a fun and stimulating experience across all areas of the DT curriculum.

Their mission: 'to give all students a chance to design and make products independently by building their own skills and techniques over time and developing relevant skills to use in the real world.'

All students study DT at Key Stage 3 with courses in Graphics, Computer Aided Design, Technical Drawing, Resistant Materials, Electronics and Food offered on a 8-12 week rotation. At Key Stage 4 students can opt to study vocational technical awards in Engineering Design and also in Hospitality and Catering, which lead on to our A Level Design and Technology course.

The DT department has its own base in the Academy's West building with access to excellent facilities, which are rare across the county and regions. There is an industry standard food room, designed and built to meet rigorous food qualification requirements, along with a second brand new food room, fitted out with the latest equipment including a blast chiller, air conditioning and touchscreen TV board.

The department's Resistant Materials workshops are generously kitted out and spacious and the Academy has a dedicated and newly fitted Graphics room. The DT department is lucky enough to have an A2 laser cutter, which students are trained to use independently, a 3D printer and Dye Sublimation equipment, which is especially suited to graphics, electronics and resistant materials.

## Carlton le Willows GCSE Performance 2022

5+ in English and maths	62%	(National average 52%)
4+ in English and maths	80%	
Attainment 8	52.5	(National average 48.7)
Progress 8 (across all subjects)	0.13	(National average 0)