

DT – SYSTEMS AND CONTROL

WHAT WILL BE COVERED DURING THE COURSE?

- what is systems and control
- learning about electronics and programmable components
- understanding mechanisms
- developing CAD skills
- understanding CAM
- using the laser cutter
- learning about famous product designers
- improving practical skills
- learn how to produce an A3 design folio

WHAT SKILLS WILL BE DEVELOPED OVER THE YEAR?

- independent, resilient and inquisitive learning
- investigating and evaluating
- creative and iterative design work
- presentation skills including pitching ideas
- making quality products using electronics kits and the laser cutter
- team work
- manufacturing in a safe environment
- understanding of environmental and sustainable issues
- economic awareness knowing where products sit in the market
- important life skills

WHERE WILL THIS COURSE LEAD ME?

It would be an advantage and good preparation for doing design technology at GCSE and further ahead at A-Level product design.

