

# Key Stage 3 Design and Technology: Curriculum

## Year 7

Introduction to DT, working safely, measuring and marking out materials.

1 hour per week

4 rotations (Food, Textiles, Electronics and D&T)

½ hour per week STEM (Developing communication skills, Introduction to 3D CAD, solving problems)

## Year 8

Knowledge and skills developed in the different material areas and applied to different contexts.

2 hours per week

1hr DT: Chairs, Passive Amplifier, Automata, Fixperts, Sustainability

1hr Food and Textiles: Macronutrients and Pencil Case

## Year 9

Knowledge and skills from year 8 developed further and applied to more open design contexts requiring an individual response. Preparation for option choices, all students will have covered some of each option area before they make their choices.

2 hours per week

1h Food and Textiles: Street Food and Tote Bag

1hr DT and DEC: Tangled Housing, Pizza Cutter, Lighting

## Enrichment

We offer a range of after school clubs and the opportunity to enter local and National Competitions.