

# Key Stage 3 DT: Curriculum

## Year 7

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

1 hour per week

7A 4 rotations (Food, Textiles, Electronics, DT)

7B 5 rotations (Food, Textiles, Electronics, DT x2)

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

8A 4 rotations (Food, Textiles, DT Polymers, DT Metals, DT Mechanisms)

8B 5 rotations (Food, Textiles, DT Polymers, DT Metals, DT Mechanisms)

## 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)

1hr (DT and DEC)

Enrichment Afternoon: An afternoon applying knowledge skills and creativity to design problems. Links to careers and the 'Big Picture'