



# DESIGN & TECHNOLOGY

## Key Stage 3 Learning Journey

The Arts and Culture Faculty  
Craft, Design & Technology Department

- Love to Learn • Be Creative • Aspire to be More

Putting every child on the path to a happy, successful and fulfilling life.

Year 9

### Seaside Architecture

Architectural Model

CAD: Computer Aided Design

Prototyping to Scale

Modelling Materials

Drawing for Design

Street-View Two-Point Perspective

Design Principles

Photographer Will Scott

Architecture Research & Inspiration

Health & Safety

Electronic Circuits

TIN KER CAD

2D DESIGN

Craft Knife

Construction Techniques

Morphological Charts

New Materials: Moss Concrete

Year 8

### Adaptive Gaming Device

Health & Safety

Case Study Accessibility Community

Design Principles

'Makey Makey'

Prototyping

Testing

Design Implementation

Research

Hot Wire Cutter

Ideate

Drawing for Design

TIN KER CAD

Foam Modelling

Year 7

### We Are The Ark - Eco Products

Machinery

Practical Skills

Hand Tools

Applied Mathematics

Selecting Materials

Environmental Science Research

Health & Safety

CAM: Computer Aided Manufacture

2D DESIGN

Softwoods, Plywood & Boards

Design Ideas Sketch & Render

Design Principles

Applied Sciences

Mini Flower Press