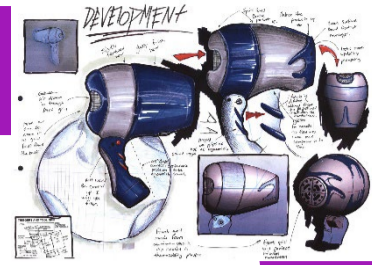


COLLEGE COURSES
A Levels
T levels
APPRENTICESHIPS

Exam project

Main coursework project

- Research skills
- Designing for a purpose
- Technical skills
- Design skills



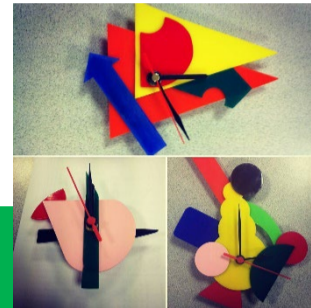
Architecture project

Choice of themes to create a 3D design

YEAR 11

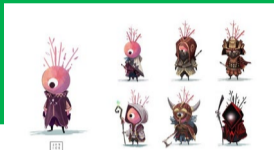
- Research skills
- Technical drawing skills
- Designing for a purpose
- Technical skills
- Design skills

- Research skills
- Development skills
- Technical skills
- Design skills



YEAR 10

Character design



Clock designs

- Research skills
- Designing for a purpose
- Design skills



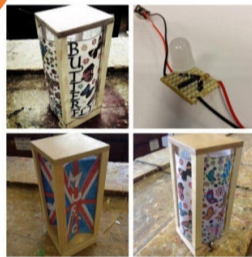
- Research skills
- Designing for a purpose
- Safety in design
- Technical skills
- Design skills

YEAR 9

YEAR 8

Mood lights.

Mini monsters



- Design skills
- Design for a purpose
- Woodworking skills
- Basic electronics

- Textile skills
- Safety in design
- Recycled materials and environmental impact



Anthropomorphic Lamps



Wall Hangings based on Kandinsky

YEAR 7

- Problem solving skills
- Design cycle
- Mechanism skills



- Research skills
- Design skills
- CAD skills
- Sewing and textile skills

- **SKILLS COVERED**
- The Design Cycle (including design briefs, specifications and user requirements)
- Analysis and Research (including industrial process, materials and the law)
- Presenting design ideas (including a range of techniques, British Standards and Computer Aided Design)
- Manufacturing (including production plans, safe working practices, use of tools and machinery and evaluation)



Learning Journey