



## Skills

**Mastery in Year 11**

- Understand how to work independently to retrieve knowledge.
- Ability to follow a task to produce a positive outcome.
- Apply creative knowledge and skills to produce technical drawings.
- Convincingly meet all assessment criteria.

**Mastery in Year 10**

- Being able to explore a range of different techniques when producing 2D/3D designs.
- Being able to produce a 3D model of a 2D drawing.
- Apply knowledge within all five areas of design technology.
- Being able to critically analyse work and suggest improvements.

**Mastery in Year 9**

- Focusing on designers and understanding how designers work in industry to inspire others.
- Demonstrate research skills to inform better design decisions.
- Understanding electronic components.

**Mastery in Year 8**

- Being able to research and analyse design briefs.
- Understand the concepts in producing a design specification.

**Mastery in Year 7**

- Students will focus their skills on fundamental making using hand and power tools.
- They will also focus on understanding orthographic drawings.

## Knowledge

