

## Skills

### Year 13

"Are you Fit for FEET?"

- ✓ Respond to a personal design context and brief
- ✓ Know how to conduct primary + secondary research on a theme
- ✓ Develop visual communication skills through design
- ✓ Being able to use CAD/CAM effectively
- ✓ Develop prototypes + models
- ✓ Experiment with processes + materials
- ✓ An understanding of sustainability + ethical design
- ✓ An in-depth knowledge of socio and economic influences on design
- ✓ Understand H&S in industry
- ✓ Maths – volumes/percentages



### Year 12

"Introduction to A-Level Mindset"

- ✓ Understand mechanical + physical properties
- ✓ Be able to identify different materials and their classifications
- ✓ Understand and be aware of different printing methods
- ✓ Understand and be able to describe different design movements
- ✓ Know how to silk screen
- ✓ Know how to analyse a product effectively
- ✓ Understand how to design and construct a product using CAD/CAM
- ✓ Be able to explain who Dyson is
- ✓ Understand different manufacturing processes



## Knowledge

