PRODUCT DESIGN

Fullbrook6

This evening we are going to tell you about:

- Course structure
- Assessment
- Extra resources
- Potential degree and apprenticeship routes from this A-Level
- Subjects that work well with this subject
- Potential career opportunities

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Big enough to challenge, small enough to care

What our students say:

"I love having the freedom to choose the theme of my project. It means I can select topics I am passionate about"

"The relationship we have with staff is totally different from GCSE, we are treated like young adults and have mutual respect"

"Support is available from my teachers or the technician whenever I need it, which has been really valuable"

"Having an area like the studio is great, we are always welcome to work in the department outside lesson times"

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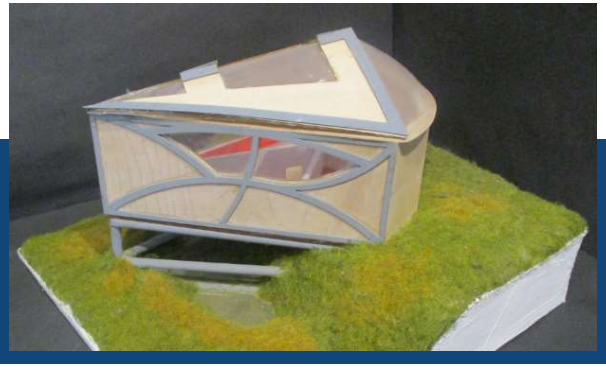
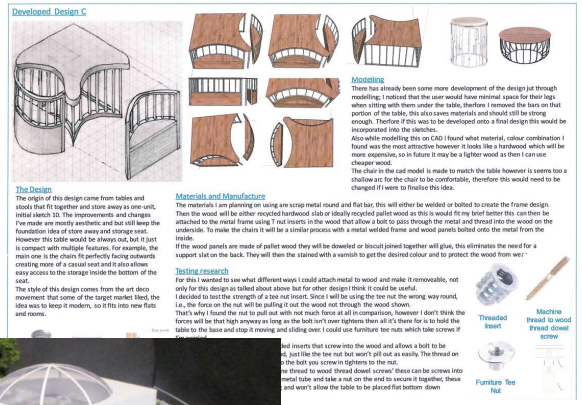
What does an A level Product design lesson look like?

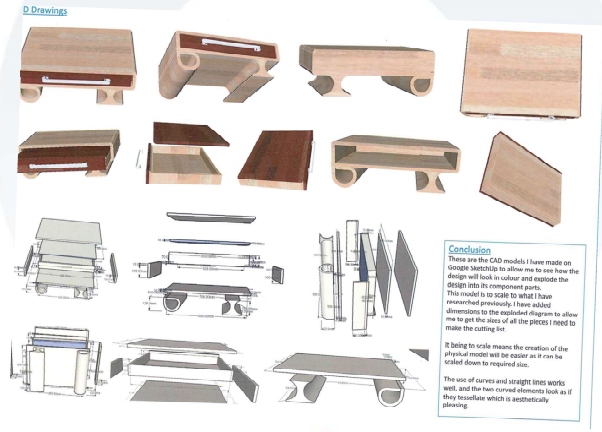
Students each produce a portfolio project (NEA) on a context of their choice. Common contexts include architecture, space saving furniture and sustainability.

Alongside this student learn a range of theory topics from material properties and manufacturing processes to enterprise and socio economic influences.

100 mins: More time in lessons means we can blend the theory and NEA/practical lessons so theory content can be applied. Time to do, particularly when it comes to practical







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Why study Product design?

Transferable skills:

- Presentation skills
- Communication skills
- The ability to work to deadlines
- Commercial and entrepreneurial skills
- Problem-solving skills
- The ability to use your initiative
- The ability to work independently
- Visual and spatial awareness
- General and specialist IT skills, such as computer-aided design (CAD).

Course structure & Assessment

Sections		% of grade
Paper 1	Technical Principles 2.5hrs	30%
Paper 2	Designing and making principles 1.5 hrs	20%
NEA	Personal project	50%

Year 12

- Prep for year 13
- Experimenting with materials
  - Properties
  - Characteristics
  - Methods of forming
- Mini practical projects
- Find area of personal expertise

Year 13

- Theory focus time
- Exam practise
- Personal NEA

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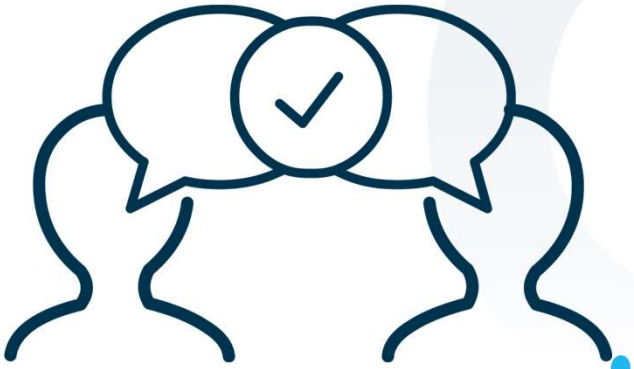
Resources

- Access to computer suite with sketch-up and 2D design on PC's
- Expert staff and technicians available to support students
- The Design Studio (exclusive use for F6)
- Laser cutter and vinyl cutter
- 3 fully kitted workshops
- Continual access to creative media/materials



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Your Future…

- **University degree courses (BA/Bsc):** Architecture, Product design, Engineering, Aeronautical Engineering, Mechanical Engineering (to name a few)
- **Apprenticeship opportunities:** junior designer, carpentry, engineering
- **Career possibilities:**

Directly linked:

- CAD technician
- Architect
- Exhibition designer
- Furniture designer
- Interior and spatial designer
- Product designer

Subject is very useful:

- Advertising director
- Automotive engineer
- Furniture conservator/restorer
- Graphic designer
- Materials engineer
- Product manager
- Production designer, theatre/television/film

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