



## THREE-DIMENSIONAL DESIGN A LEVEL

The 3D Design A Level is an exciting course which explores a wide range of materials and processes to create 3-dimensional outcomes. Students will become fully engaged in design processes, experimenting and problem solving.

The design and making studios consist of two well equipped workshops. There is access to laser cutting and 3D printers as well as digital cad and printing.

### The course

Year 12:

You will produce a portfolio and sketchbooks. These will include varied projects exploring product and architectural design along with experiments exploring a range of materials including resistant materials, wood and plastics.

You will also learn the skills necessary to create 3D designs using:

- Creative drawing and visual communication techniques
- Cad Software, 2D – 3D prototype and digital modelling
- Model making
- Critical analysis and research
- Experimental processes including casting, mixed media modelling and experimental 3D processes.
- You will also complete a personal study, which is a research-based project of your own choice + a 3000-word essay. This will be used as a means of assessment for the GCiE.

Year 13:

You will produce a Personal Investigation project (component 1 = 60%) which will focus on an area of design in which you have shown a strong interest; this could be in one of the following disciplines:

- Product design
- Architectural design
- Interior architecture
- Lighting design
- Jewellery design and body adornment
- Small scale furniture design

- Set design
- Landscape architecture

The work produced for the Personal Investigation will build on the skills from the first year of the course and will be driven by critical and contextual research of designers.

At the end of year 13 students will undertake an externally set practical examination (component 2 =40%). They will have eight weeks to complete the preparatory work and will produce their final piece during a 15-hour practical examination.

### **Beyond A Level**

For those students planning to continue with higher education courses in the creative arts, we offer guidance with applications to art foundation and degree courses and help to develop their portfolios in support of those applications. Creative Art and Design students at Colfe's often go on to study degrees in Fine Art, History of Art, Architecture, Graphic Design, Advertising and Marketing, Animation, Set Design, Photography, Game Design, Fashion Design, Product Design and more.