



# 3D Design

## (GCSE)



**Teacher Contact:** Miss Ellison

### Why study 3D Design?

This is a course offering exciting possibilities for students with various creative interests and builds upon existing art and design skills. If you enjoy being practical and making objects using traditional and new media and technologies, then this is ideal for you. It combines elements of Product design and some Art 3D design, allowing for functional as well as decorative and sculptural objects to be designed, tested and produced.



### What key knowledge, concepts and skills will I learn?

You will investigate the work by contemporary and traditional designers. You will develop a range of 3D practical skills in areas such as product design, making objects using materials such as wood, metal and plastics and creating sculptural pieces, involving carving, casting and construction. A series of theme based projects will be completed based on your research, experimentation and design ideas. You will be able to communicate your own ideas and opinions, culminating in personal, final outcomes. Finally, there may be opportunities to be involved in a number of extra-curricular activities such as practical workshops, museum visits, competitions and a weekend residential trip.

## **What attitudes and qualities are required to do well?**

If you enjoy and have a real passion for making and being hands on, then GCSE 3D Design is for you. You will need good communication and problem solving skills, have an enquiring mind and keen to succeed. Independent learning is an important feature, as is keeping to deadlines. The course requires commitment and self- motivation as there is an emphasis on independent study. A responsible attitude towards Health and Safety in the workshop.

## **How will I be assessed?**

60% Coursework Personal Portfolio Year 10 & 11

40% Practical Examination Year 11

There is no written examination paper.

## **What other subjects link into this course?**

ICT, Mathematics, Physics, Art, Business Studies, Geography

## **What career options are open to me?**

The Creative Design industries are one of the biggest growing sectors in Britain and 3D Design provides you with a variety of skills employers are looking for. It can lead to career opportunities in a wide range of design based occupations including Architect, Product designer, Engineer, Theatre and Set Designer, 3D Digital designer, Furniture maker, Jewellery designer, Sculptor, Teacher to name a few.

## **For more information you might like to visit:**

Examination board website [www.edugas.co.uk](http://www.edugas.co.uk)

[www.lightboxresources.co.uk](http://www.lightboxresources.co.uk)

Art & Design Technology Faculty Instagram account:  
[@epchsarts](https://www.instagram.com/epchsarts)