

# 3D Design

GCSE

Course Leader: Mr D Few

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Examination Board: AQA

Assessment: 60% Coursework, 40% Examination

## **Why should I study this subject at Key Stage 4?**

Three dimensional design gives you the opportunity to observe and record the world around you. Studying Design can give you an insight into architecture, ceramics and model making. Gaining knowledge and techniques throughout this course that can help build a strong foundation into studying architecture, product design, and ceramics at key stage 5 and beyond.

## **What does the course involve?**

Over the two years students produce coursework on two given topics or themes for example product design, ceramic design, interior design, environmental/landscape/garden design, 3D digital design or designs for theatre, film and television. These are timed controlled assessments so each lesson and homework counts. The assessment takes place under normal classroom conditions apart from the mock examinations in Year 10 and 11 and, of course, the final examination. After initial research and observational studies you are required to develop a series of ideas before selecting one to be produced as your final project piece. One of these units will be assessed as your coursework portfolio and is worth 60% of your final grade.

You must show an understanding of historical and contemporary designers' work and how ideas can generate responses that address specific needs whether these are personal or determined by external factors such as the requirements of an individual client's expectations. These will need to be expressed verbally and visually, as well as through written documentation in a portfolio. The portfolio is compulsory for this GCSE and must be brought to every lesson as it will form an essential part of every project set.

## **Skills developed**

Three-dimensional design is defined as the design, prototyping and modelling or making of primarily functional and aesthetic products, objects, and environments, drawing upon intellectual, creative and practical skills.

Within the context of three-dimensional design, students must demonstrate the ability to use three-dimensional techniques and processes that are appropriate to the task. For example model making, assembling, 3D design. This will be done using media and materials, drawing materials e.g. plaster, clay, foam board, plastic, found materials, card etc.