

Design and Technology

DESIGN AND TECHNOLOGY

PRODUCT DESIGN

(3D DESIGN)

AQA

Why choose to study Product Design?

3D Design is a really satisfying career. You have an idea and with the use of different materials, tools and ICT it comes to life! Imagine how good it must have felt for the designer of the iPhone or Razr Mobile Phone to hold the finished product in their hand.

Subject Specific Entrance Requirements

Grade C or above in any GCSE Design and Technology course or GCSE Art and Design course.

Resources and Facilities

The Design Technology Department at Oasis Academy MediaCityUK is particularly well equipped with ICT facilities which include a dedicated ICT suite, laptops, A3 and A2 printers, scanner, digital cameras, vast range of software, CAD software and CAM machines. There is also a resistant materials workshop equipped with PCB making equipment, a food room and a textiles room.

Teaching and Learning Styles

The course caters for all learning styles and students will be expected to employ all learning styles throughout their coursework. However, the Design Process lends itself particularly well to kinaesthetic learners as ideas are developed through models and mock-ups.

Assessment

Your A Level studies covers four main topics over two years (Please see attached sheet).

Progression Opportunities

If you want a career in design then 3D Design goes well with Art and Design, Business Studies, ICT/Media and Maths. It could lead to a job as an industrial/product designer, an architect, a teacher, an engineer or you could be someone who uses CAD in industry, designs computer games or works in advertising.