

**Overview**

Year 10 GCSE 3D Design — taught in specialist technical workshops and ICT suites. A variety of creative and practical tasks are undertaken to develop the skills required of a designer/maker. This includes design and make projects, focused practical tasks, learning about other artists/designers, drawing, model making, and making products in 3 Dimensions using a range of materials.

Term 1

You will start with a Design and Make Assignment looking at the work of Chris Gilmour. Exploring his work and the way he uses cardboard. You will be doing lots of sketching, drawing, modelling, cutting and joining card using traditional manual methods and the use of CAD/CAM.

Year 10

Design & Technology

**Term 3**

In the summer term you will be doing a mixture of small design and make projects using a range materials and STEM challenges.



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Term 2

Focused Practical Tasks follow. You will look at different methods of heating and forming thermoplastics. You will also manufacture your own moulds and formers to form the heated plastics onto. You will learn a range of methods to join timber to timber, some traditional and some experimental. You will also learn how to join mixed materials together successfully.