



Blue Coat Church of England Academy

Year: 8

Subject: 3D Design

Overview

Here at Blue Coat Church of England Academy all Key Stage 3 Design Technology Pupils are allocated two lessons (one double lesson) per week and follow a rich and varied programme of study. The schemes of work are structured to ensure that by the end of Key Stage Three all pupils have a broad understanding of the wide range of skills related to Design and Technology. Year 7 and 8 pupils will be part of a carousel rotation with Hospitality and Catering and Textiles, they will undertake 3D Design once within this year.

Homework is issued on a fortnightly basis and is issued via the schools show my homework application. Pupils are taught to develop their creativity and ideas and increase proficiency in their execution.

Within year 7 & 8, pupils are required to carry out workshop practical for 8 out of their 10 lessons. These 2 years practically focus upon personal safety and developing skills with basic tools and equipment. The aim is to build on key that could be applied to everyday life.

Sweet Dispenser

This module is practical based and designed to familiarize pupils and gain confidence with the usages of a variety of tools and equipment and apply them within the making progress. Building on the knowledge experienced from year 7, Students this year will focus on combining hand and CAD/CAM techniques. Pupils will use

these skills to design and manufacture a working sweet dispenser. Students will work through cutting materials, jointing materials, computer aided design and manufacture.

Pupils should be able to identify that the work they produce meets outcomes linked to the following GCSE skills.

AO1 Develop - mood board

AO2 Refine

AO3 Record- Cad drawings

AO4 Present- Final design Product