

Sixth form summer transition project

A Level Design & Technology: Product Design

The following task/ tasks are to be completed and brought to your **first lesson** in September.

Introduction

The opportunity to work on design and make projects with real deadlines, challenging technical issues and determine your own direction is what sets the subject apart from others. We will help you to explore tasks and identify routes forward, tailoring these to your interests and the need to meet design problems in the wider world. Your first task is to show us how far you can take a task independently – you make the decisions and can explain your thinking.

The Task

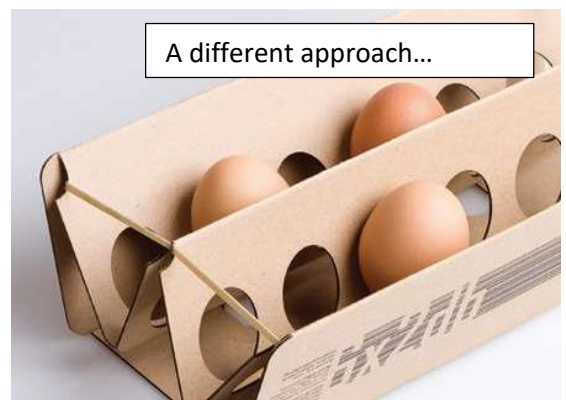
There is a move away from single-use plastic packaging towards card-based products, which are more readily recycled. The example opposite shows an egg carton, which becomes flat sheet when not in use. This reduces the recycling volume of pressed pulp egg boxes and the difficulty in recycling plastics like PET.

Look at existing packaging that is made from plastic or metal and explore some options for replacing this with a cardboard alternative. Consider all areas of packaging from food to building materials, computers to perfume. Based on your findings produce a wide range of sketches for possible replacements. Aim for two full sheets of A4 as a minimum. Add notes to clarify your points and colour to highlight key features. You may choose to extend the task further by modelling your most promising idea in 3D using materials found at home. Aim for the highest standards of presentation in the work which you submit.

Pressed pulp egg box



A different approach...



Who to contact if you should require further assistance

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