

A Level Design & Technology summer holiday work 2025

PRODUCT DESIGN

Why should you be spending time preparing for your D&T A Level?

Having hopefully recovered from the stresses of your GCSEs, it's more important than ever to be well-prepared for your A Levels. I am sure that you realise, year 12 is a very exciting and important year and we want you to be confident and ready to hit the ground running in September! You will benefit hugely from spending time working independently this summer and be assured that D&T work completed during the holidays will contribute directly to project and theory work.

Your two set tasks

Task one

In September we are going to be looking at the performance characteristics of materials. The best way to do this is to discover just how many different materials make up the components of most everyday products. Your task is to dismantle an old product. It doesn't have to be complicated – it might be an old toothbrush head; ball point pen, food packaging or a hair brush. Obviously, you won't be able to use the product once it is dismantled! and if it is a no longer used electric product, be sure that it isn't still plugged in!

- Once dismantled, take a bird's eye photograph like the ones shown here.

Task two

Create a Word / Powerpoint file that includes the photo and add captions that describe at least three different components used to make the product. Rather than guessing the name of the material, simply describe what you consider to be an important performance characteristic eg: flexible, waterproof, tough, soft, textured, insulating etc.

Handing in:

First lesson with Mr Hull. Work must be printed off.

