

Year 12 Product Design

Product Disassembly – Learning from existing products & practice.

The analysis and evaluation of existing products is used by most professional designers as a key stage in the design, manufacture and development of new products. By carrying out product analysis on existing products, the designer has the opportunity to gather useful information as a starting point for further development or redesign.

Task:

During the summer holiday, collect a range of 'everyday' products that have come to the end of their useful life (Have broken or no longer operate / work as required). In Product Design lessons in the Autumn term, we will be studying product disassembly. As part of this topic, you will be asked to bring these items to the College workshop where we can dismantle them to determine materials used, construction methods, the reasons behind these choices and how things work / operate.

Products to collect include:

Broken (Battery powered) hand tools: Cordless drill, sander, jigsaw, screwdriver etc.

Cordless toothbrush.

Cordless clippers.

Broken battery powered toys.

ETC

*During the Year 12 Taster Session I will brief you on the above task and answer any questions.

Mr Ashby.

