DT@QMGS: KS5 Transition Task 2024

Product analysis is central to all that we do in Design and Technology. Products are all around you and you use many different products each and every day. These products are made out of different materials using many different methods of manufacture. Some of the products are easy to maintain and last a long time. Other products may have built in obsolescence. Some products are mass produced while others may be produced for a specific person. Everything around you has been designed by someone and made by someone.

An appreciation of the work of designers, engineers and companies is essential to the A level Design and Technology course. You should be inspired by the work of others and be able to critically analyse products. This transition task requires you to choose a designer and analyse some of their work.

Design and Technology Transition Task 2024

Products and Their Designers

Task 1: Choose a designer of your choice.

Task 2: Research the career of your chosen designer and produce an A3 fact sheet. You should include:

- A timeline about the career of your designer.
- Images of their iconic products.
- Information about the technology used in their products.
- The materials and manufacturing methods used in their products.
- Sustainability: How does your designer work to protect the environment?
- Any other points of interest.
- The fact sheet must be suitable for display in the department for others to learn from.

Task 3: Choose one iconic product that was designed by your designer. Produce an A3 fact sheet about the product. Include the following:

- Images of the product
- What materials were used? Why were they chosen?
- How was the product made? Illustrate the main manufacturing methods used.
- Ergonomics: How is the product designed to suit the user?
- Environmental Issues: The 6Rs? Sustainability? Ease or maintenance and repair?
- Ease of use? Performance?
- The fact sheet must be suitable for display in the department for others to learn from.

Task 4: Prepare a 5 minute presentation on your designer and their iconic products. This will be presented to the rest of the class in September.

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