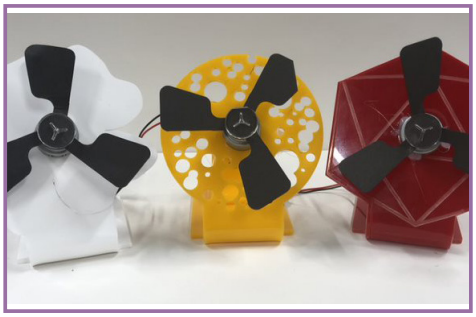
YEAR 9 PRODUCT 'ALESSI' FAN

The style of the Alessi design company is very eye-catching and unique. You will develop an understanding of this company and the products they make in order to create your own desk fan designs. You will progress in your knowledge of materials and manufacturing processes by working with plastic and electronics to create a fully functional product!

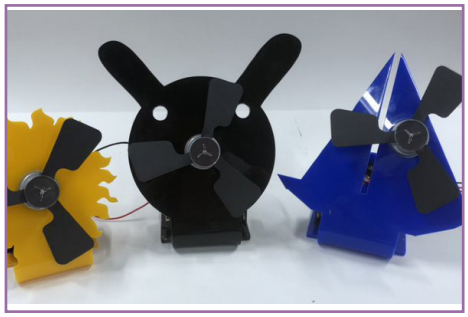
KEY WORDS				
	Alessi	Line bender	Laser cutter	
	Thermoplastic	Acrylic	2D Design	Dichloromethane
	Thermoset plastic	Soldering	Hot glue	



Wider Study Opportunities?

Careers - Designer, Entrepreneur, Trades, Home DIY, Personal projects, Apprenticeships

GCSE and A-Levels - Art, Graphics, Textiles, Photography, Product Design



Some of your learning will include:

- Developing your research abilities by analysing existing Alessi products and applying this to your own inspired design, specific for chosen target group.
- Creating a large range of designs that are clearly annotated to explain ideas or features. Producing three dimensional design drawings.
- Using and developing your CAD skills by drawing out your final design in 2D Design, and laser cutting out of acrylic.
- Developing your knowledge of electronics through soldering the final product together into a functional, air-circulating product.
- Evaluating your work by linking back to your specification points, and identifying strengths and weaknesses.

Assessment and Feedback:

Assessment Objective 1: Shows understanding of Alessi and the products they make. Has identified a target market / client and has conducted detailed research into them. A design specification has been created with eight points identified.

Assessment Objective 3: Shows six or more fan designs, which are inspired by the style of Alessi. Designs are clearly annotated to explain ideas or features. At least four designs have been drawn in 3D.

Assessment Objective 4: A functional desk fan, which circulates air when switched on. Has clear Alessi styled features. A clear, detailed evaluation of the final product, linking back to eight or more specification points, identifying strengths and weaknesses.

Why this? Why now?

To have a wider understanding for materials and processes, in preparation for GCSE and A Level Product Design.