



Marshalls Park Academy - Curriculum Overview

Subject: Design Technology

Year Group: 9

Students will be expected to be producing GCSE level folder work. Emphasis will be on the iterative design process as well as theory.

One in every 3 lessons will be used to cover Subject theory from the CORE TECHNICAL PRINCIPLES section of AQA GCSE syllabus.

The department has PG Online resources covering all areas that can be used and adapted.

TERM 1 DESIGN MOVEMENTS CLOCK	TERM 2 NIGHT LIGHT	TERM 3 SMALL JEWELLERY BUSINESS
<p>KNOWLEDGE/SKILLS</p> <p>Investigation of 4 different design movements. Product analysis, generation and annotation of ideas, development of ideas through modelling, manufacture of prototype clock from MDF.</p> <p>Theory content. The concept of design eras. Iconic design & evolution of design.</p>	<p>KNOWLEDGE/SKILLS</p> <p>Based around a simple series circuit of super bright LED, resistor, switch & battery.</p> <p>Task to design & model a night light for a specific client. A simple base is created first and the design is built from here. Manufactured boards are used for the sides & the base. Use of 2d design and laser cutter</p> <p>Shade to include the development of a net.</p> <p>Focus will be demonstrating & recording iterative design to arrive at a functional prototype that fulfils the clients' requirements.</p>	<p>KNOWLEDGE/SKILLS</p> <p>This project is an opportunity for young entrepreneurs to develop their personal design identity and put together the pieces needed to start a small business. A key focus is on identifying & understanding their target market in order to effectively market their brand and product to their client as well as competitor research to determine the USP of their brand.</p> <p>Students work with 2D design to design their brand's logo, promotional material & jewellery display cards. They then use polymer clay to make their jewellery.</p>

<p>KEY ASSESSMENTS</p> <p>HALF TERM 1 Research Designing</p> <p>HALF TERM 2 Making Evaluation</p>	<p>KEY ASSESSMENTS</p> <p>HALF TERM 1 Research Designing</p> <p>HALF TERM 2 Making Evaluation</p>	<p>KEY ASSESSMENTS</p> <p>HALF TERM 1 Research Designing</p> <p>HALF TERM 2 Making Evaluation</p>
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