KS4 Learning Roadmap - GCSE Product Design

GUISELEY SCHOOL

Revision Subject Knowledge and Theory/Exam Technique. Preparation for the Public Exams

Finalising work on development of the NEA Coursework Portfolio to conclusion to submit for moderation.

Refinement and Evaluation work on development of the NEA Coursework Portfolio.

Continued work on development of the NEA Coursework Portfolio. Making and Development

Continued work on development of the NEA Coursework Portfolio, modeling, and analysis of developments. Revision of for Pre-Public exams

Design and Analysis. Development of ideas. Development of Portfolio.

Exam & Post 16 Destination

Final Submission of NEA
Term 3

Main Project NEA Coursework & Revision
Term 2
DC3 Tracking, Reporting. Pre-public exams

Main Project NEA Coursework & Revision of exams
DC2-Tracking, Reporting. Pre-public exams

Term 1

DC1-Tracking & Reporting

Practical and Portfolio practice: Design and Manufacture Project: Desk Organiser Focus on practical model making/Manufacturing/CAD-CAM. Laser Cutting. Evaluation sections of the folder throughout.

Subject knowledge and theory in line with AQA requirements is introduced through starts and plenaries as well as occasional stand-alone lessons throughout.

Component 3 Section Pre-public Exam Preparation. Theory and Subject knowledge. Past Papers

Introduction to the NEA Contexts as supplied by the exam board. Analysis of the Context NEA is started

Research and analysis of contexts and development of ideas.

Project 2. Desk Organiser - Manufacture

Project 3. Theory Revision & exam practice

Main Project Start and Preparation towards Yr11 NEA
Term 3
DC3-Tracking & Reporting, Pre-public exams

Continuation of Yr11 NEA Coursework

Yr. ⑪

DC2-Tracking & Reporting

Practice Component 2

Introduction of Design and Manufacture Project: Desk Organiser. The project follows the NEA Portfolio expectation in an abridged form touching on some of the key pieces of work required including those not covered in term 1.

Practical and Portfolio practice: Design and Manufacture Project: Lamp project Focus on practical making/Manufacturing/CAD-CAM. Evaluation sections and analysis. Vacuum Forming, Heat Sublimation and 2D design

Introduction to the Course: Expectations/Specification/Coursework material as supplied by the exam board. Baseline to develop the NEA portfolio.

Introduction of Design and Manufacture Project: Mood Lamp. The project follows a starting point for the NEA Portfolio expectation touching on some of the key pieces of work required.

Project 2. Desk Organiser -Design
Term 2

Project 1. Mood Lamp -manufacture

Term 1
DC1-Tracking & Reporting

Project 1. Mood Lamp - Design

Start

⑩

Subject knowledge and theory in line with AQA requirements is introduced through starts and plenaries as well as occasional stand-alone lessons throughout. Students cover different types of manufacture, design, and sustainability.

Subject knowledge and theory in line with AQA requirements is introduced through starts and plenaries as well as occasional stand-alone lessons throughout. Health and Safety in practice, equipment, and processes.

Subject knowledge and theory in line with AQA requirements is introduced through starts and plenaries as well as occasional stand-alone lessons throughout. Students cover Materials, Processes and AQA Exam practice.