KS4 Learning Roadmap- Engineering Design



1.2.2-Manufacture or modification of the prototype

2.2-Scale of manufacture - Material availability and form - Types of manufacturing processes - Production costs

4.3-Methods of evaluating design outcome

1.2-Primary and secondary research -Market research, - ACCESS FM 2.1 -Needs and wants - Quantitative and qualitative criteria **1.2**-Analysis of existing products using product disassembly **4.2** Modelling methods



GUISELEY SCHOOL

3.1 - Types of drawing used in Engineering 3.2 - Working drawings standard conventions dimensioning-Line types -Abbreviations -Mechanical features

Start

Unit RO38 Principles of **Engineering Design**

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Unit RO40 Design **Evaluation and Modelling**

Product analysis / product investigation / disassembly

Unit RO38 Principles of **Engineering Design**