



Year 11 Mock Revision List

DESIGN ENGINEERING

Topic	Further information
Aesthetics	How aesthetics are considered when designing a product
Copyright/ Patent	How designers can protect their ideas/ designs from being copied.
Cultural and Fashion Trends	How they influence the design of new products.
Design Brief and Specifications	The relationships between the two.
Ergonomics and Anthropometrics	How people interact with products effectively.
Iconic products	Identification of iconic products and reasons why they are iconic.
Life Cycle Analysis	The evaluation of the environmental impact of a product through its life cycle encompassing extraction and processing of the raw materials, manufacturing, distribution, use, recycling, and final disposal.
Methods for Disassembly	Methods that can be used to assemble/ disassemble products effectively- temporary and permanent methods.
Product Safety	How designers can ensure that their products are safe to use.
Standard Components	How the use of standard components effects cost and budget.
Sustainable Designing	How can designers ensure that they are designing for sustainability? What things need to be considered?