

Product Design - Revision Topics

1. The Design Process
 - a. Evolution of Product Design
 - b. Human Factors in Design
 - c. Research and Specifications
 - d. Design Methods and Influences
 - e. Practical Design and Modelling
 - f. Presenting and protecting Ideas
 - g. Working Schedules and Quality Control
2. Meeting the Consumer Needs
 - a. Technology Push and Market Pull
 - b. Consumer issues and Awareness
3. Packaging and Marketing
 - a. The Functions of packaging
 - b. Industrial manufacture of packaging
 - c. Product marketing – the power of branding
4. Global Responsibility
 - a. Sustainability
 - b. Social Impact
5. Product Manufacture
6. Use of ICT in production
- 7. Manufacturing process**
- 8. Sources and Properties of materials**
9. Manipulating and combining materials
 - a. Composite materials
 - b. Smart materials
 - c. Modern materials
 - d. Standard components

Useful Websites

www.BBCbitesize.com