

A Level Design and Technology – Revision List

Topics to revise are as follows:

Paper 1 – Technical Principles

- Polymorph and its uses in modelling
- Elasticity and malleability what they mean
- Sustainability in manufacturing
- Properties of high-speed steel
- Working out percentages
- fabricating
- Calculating percentages?
- Injection moulding?
- Soft soldering?
- Analysing Data from Electronic point of sale (EPOS system) can be used?
- Silicone?
- Phosphorescent pigment?
- Risk assessments?
- Concrete?

Paper 2 – Designing and making Principles

- Properties of low carbon steel and ABS
- Deformation and fabrication
- Injection moulding
- Packaging and its purpose
- Phillip stark
- Post modernism
- Inclusive design
- Calculating torque
- Calculating volume
- Types of manufacturing ie six sigma
- X ray testing
- The work of Bauhaus
- The purpose of project management
- Iterative design
- Product lifecycle
- ISO
- Quality control

Useful revision resources: AQA A Level Revision Guide

www.technologystudent.com

www.howitsmade.com

Revision Tips

Read over your notes in each section of the textbook. Make revision resources (posters, cue cards, shortened notes, spray diagrams, post it notes etc.) complete quizzes, watch videos, complete exam questions and check against the mark scheme