

Y11 mock exam revision list

Section A

- Partnership schemes such as fairtrade and FSC
- Carbon emissions and its environmental impacts.
- Types of mechanisms.
- Composite materials
- Nets
- Modern textile materials – types of, uses, properties of them
- Basic electronic circuit symbols and circuit diagrams. What they look like – the components they stand for and how to draw them in a circuit diagram
Particularly a Battery/cell, toggle, slide and push to make switches, LEDs, wires
- Manufactured board types and their appearance/properties
- Thermoforming plastics - the common types, their properties and their uses – low density polythene (LDPE) and high density polythene (LDPE), polystyrene (PS) polypropylene(PP) and polyvinyl chloride (PVC).
- Textile/fabric structure . – how it is weaved together.
- Die cutters and industrial methods of cutting, creasing + scoring card. Stock/standard paper and card sizes (the iso 126 system – eg A4 A3 etc.)
- CAD CAM – what they are and the software & machines used.
- Percentages (Maths)

Section B

- Hardwoods and softwoods
- Methods of cutting, shaping and drilling timber
- Finishing timber how and why it is done– eg creating smooth surfaces, stains, waxes, paints and varnishes
- Charts and graphs (Maths)
- Environmental issues of the timber industry and using wood to make products
- What is a prototype and why they are made