

Resistant Materials - use GCSE bitesize and podcasts, plus your revision guides and handouts.

Making:

CAD/CAM

Tools and equipment

Materials:

Thermo plastic

Thermosetting plastic

Glass reinforced plastic

Adv/disadvantages of manufactured boards and solid wood.

Planning:

Joints

Flow charts

Materials & Sustainability:

Material types and sources.

6r's

Scales of production:

Production types- one off, batch, mass

Manufactured components

Ergonomics & anthropometric data

Product analysis

Smart & Modern materials

Types of Adhesives

Design/ research

Textiles - use GCSE bitesize and podcasts, textiles4u, plus your revision guides and handouts

Modern materials

Finishes

Methods of testing

Quality control & quality assurance

Fabrics:

Woven, knitted, non woven

Fabric specification

Fibre types & properties, blend & properties - suitability for end uses.

Decorative techniques & methods

Recycled fabrics

Smart material & electronics

Pattern information

Lay planning, cutting

CAD / CAM what is it, adv/disadvantages, examples in every stage: designing/preproduction / production/finishing/retail

Production - methods/types, jit

health & Safety in manufacturing , risk assessment

Tools & equipment

Components

Trend forecasting - types

Social, moral & environmental aspects

Food Preparation and Nutrition - use GCSE bitesize and podcasts, plus your revision guides and handouts.

Nutrients - proteins, fats, vitamins and fibre

Food safety - food storage

Food science - bread making

Special dietary needs

Food provenance - sources of food and used by dates

Food choices
Nutrition needs for different age groups
Health and how the diet influences it
Food labelling
Testing of food and ingredients
Functions of ingredients
Preparing food
Locally sourced and seasonal foods
Understanding of recipes