

Keywords: Year 7

Resistant Materials

Topic Title: Yr7 Resistant Materials

Introduction to the topic: Why are you learning it and how does it link to what you've learned before?

Designing and making a product for a client

What lessons will you cover during the topic?

Design ideas, Templates, MDF, Tools and Machinery, Finishing, Assembly and Evaluation

Keyword	Definition
Initial Ideas	The first draft of designs
Template	Shaped pieces of material used in cutting, drilling and shaping. They ensure an item is accurately made.
MDF	Medium Density Fibreboard is an material made of small particles of hard and softwood, combined with wax and resin
Pillar Drill	Free standing drill with high powered motors that can drill holes of different sizes and depths
Coping Saw	A saw with a very narrow blade in a C shape
Mild Steel	A type of metal made from iron and carbon
File	A tool with rough surfaces, used for smoothing material
Countersinking	Making a small rim around a drilled hole so the screw sits flush
Drill bit	The cutting device at the end of a drilling machine, comes in lots of sizes and depths
Paint	A coloured substance used to decorate or protect