

# 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   |