



The Mall School

Curriculum Guide

DESIGN TECHNOLOGY

Year 7

Teacher: Mr Lang
Lessons: 1 x 75mins

Bedside cabinet with sliding doors

Introduction:

This is a resistant materials based project. The basic cabinet is a prescribed design with the option for boys to personalise aspects if they want to challenge themselves further.

Key Objectives:

- Marking out and measuring distance and right angles with accuracy
- To use a range of hand tools and machinery with precision
- To simply join timber together using screws and nails
- To be able to identify and solve problems arising from errors.
- To complete surfaces to a high standard of finish
- To gain a knowledge of hardwood, softwood and processed timber and their properties
- To evaluate the completed design and suggest improvements to both the design and the speed with which it was made.

Resources:

Tri squares, tape measures, tenon saw, bench drill, disk sander, cordless drill, acrylic sheet, birch plywood, screw drivers hammer, tacks, sand paper drill bits, countersink.