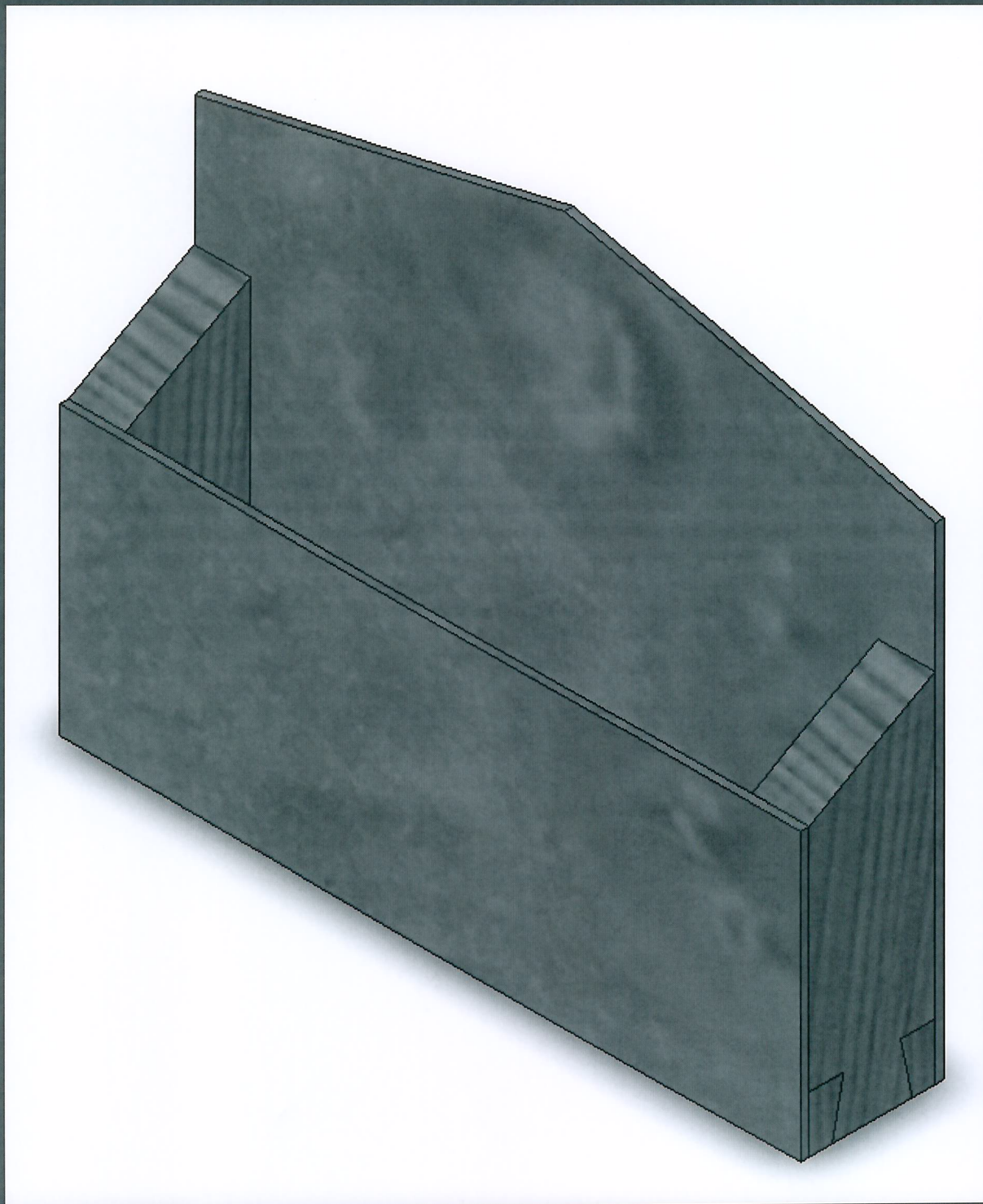


# *Letter Holder*



# MTW Project: Letter Holder

## Design Brief:

From the given drawing, design and make a LETTER HOLDER. The design of the back and sides should reflect a NATURE theme. The design must be elegant and shaped attractively. Your design must also include a method of fixing the holder to a wall.

## Objectives of Project:

At the end of this project student will be able to:

- Design a project from a given brief and drawing
- Develop a number of design solutions to a given problem
- Mark out and process a box dovetail joint and countersinking-screw joints
- Assemble a multi-piece project
- Finish a project using an appropriate applied finish

## Pre-required Knowledge & Skills:

- Understanding of various jointing techniques
- Dovetail marking out, and processing techniques
- Project design experience

## Tools & Equipment Required:

- Standard bench tools
- Dovetail templates, thumb gauges (chamfering)
- Tracing paper, card (for templates)
- Spokeshaves
- Finishing materials (Danish oil, varnish)

## Materials Required:

Materials per student:

Item	Amount	Width	Thickness	Length	Material
Sides	2	44mm	20mm	125mm	Red deal
Base	1	44mm	20mm	260mm	Red deal
Front	1	100mm	3mm	260mm	Plywood
Back	1	200mm	3mm	260mm	Plywood

## **Theory Related to Project:**

Topics or areas of syllabus that can be covered as part of project:

- *Jointing methods (dovetails, countersinking)*
- *Finishing of Projects & Finishes*
- *Fixtures & Fittings – Screws, brackets etc*
- *Adhesives*
- *Analysis of Design themes and Briefs*
- *Designing for function and aesthetics*
- *Manufactured boards*

## **Time Allocation**

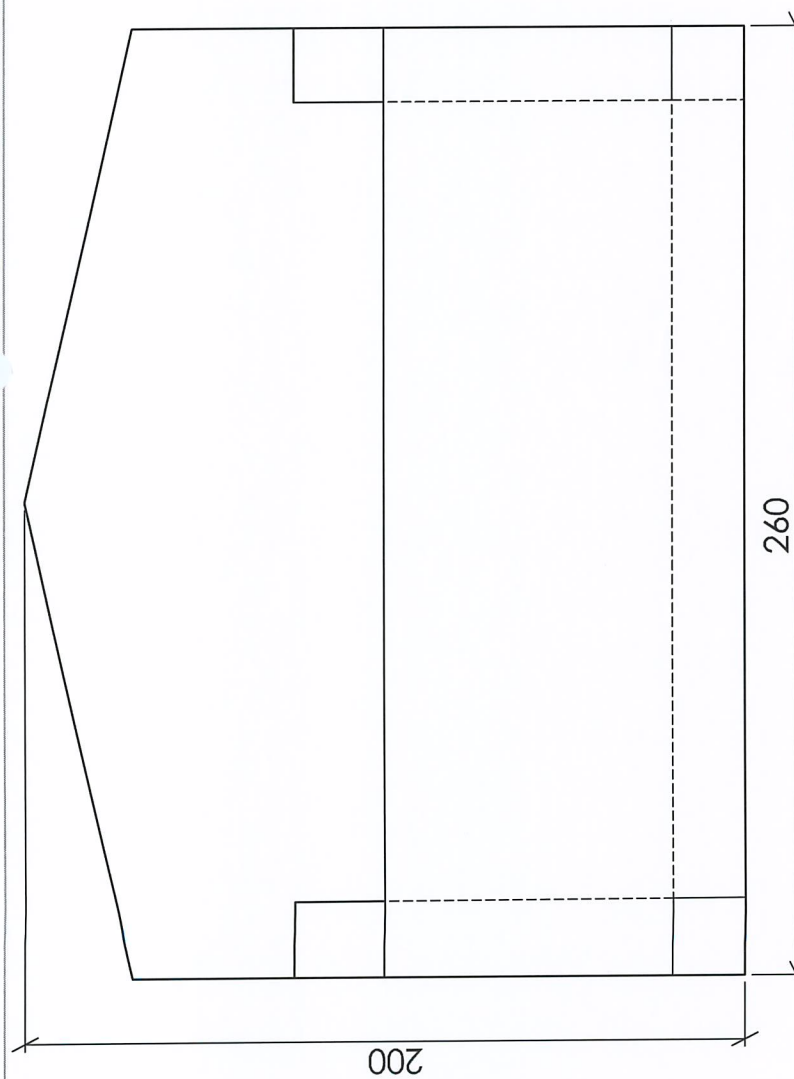
Estimated amount of classes:

Start Date:

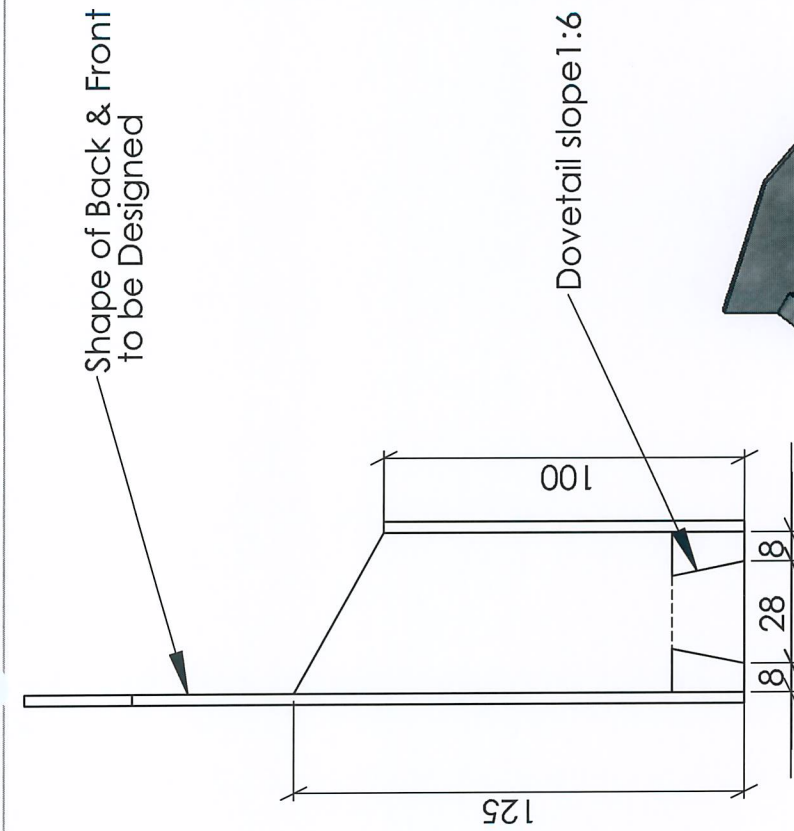
Finish Date:

## **Notes**

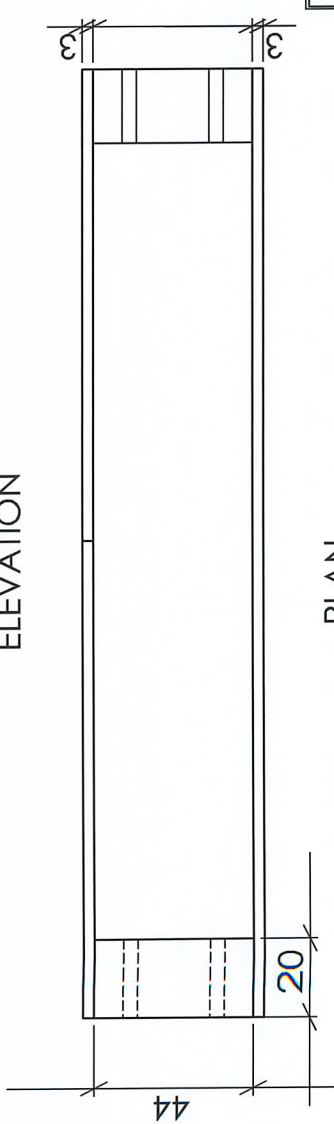
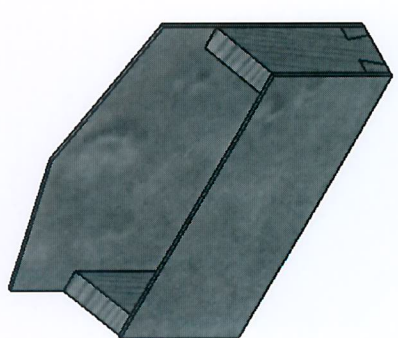
- *Researching and developing a design from a given theme/brief can be explored by student in detail as preparation for this project.*
- *Investigating existing artefacts could be given as a class or individual student task*
- *Producing a Working Drawing could be built into project lesson plan*
- *Design of front and back can be marked out using tracing paper or card templates (200 gsm pape)*



ELEVATION



END ELEVATION



PLAN

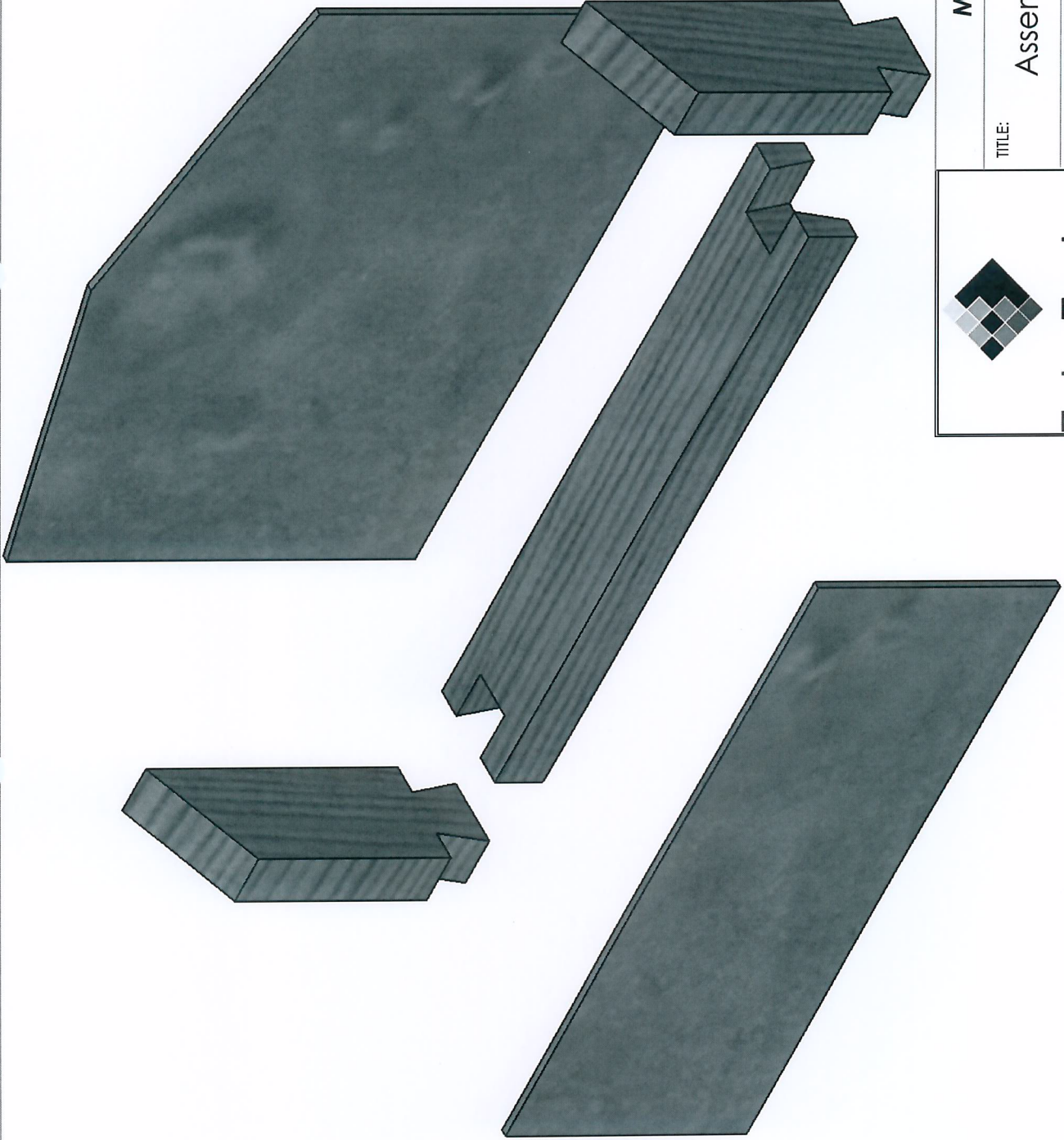


**TechnoTeachers**  
Association

MTW PROJECT

TITLE:  
**LETTER HOLDER**

DRAWN BY: YOUR NAME HERE	SIZE A4	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm
SCALE: 1:5	Date: 20/02/2009	SHEET 1 OF 3



**MTW PROJECT**

TITLE:  
**Assem1**



**TechnoTeachers**  
Association

DRAWN BY: YOUR NAME HERE

SIZE  
A4

UNLESS OTHERWISE SPECIFIED ALL  
DIMENSIONS ARE IN mm

SCALE: 1:5

Date: 20/02/2009

SHEET 2 OF 3

# Design Idea

No: \_\_\_\_\_

Draw a neat sketch of design idea for project  
Don't Forget;

1. shape of back
2. shape of front
3. measurements and notes



MTW PROJECT

TITLE: **DESIGN IDEA**

DRAWN BY: YOUR NAME HERE	SIZE A4	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm
SCALE: 1:1	Date: 20/02/2009	SHEET 3 OF 3