Swing Seat

MATERIAL
1 Pc. White pine or
Redwood 1" x 6" x 16"

FINISH
Enamel, Varnish, or
Unfinished.

Isometric

Plan View

End View

Side View
Swing Seat

**Material:** TPC WHITE PINE OR RED WOOD 1"x6"x16"

**Finish:** ENAMEL, VARNISH, OR UNFINISHED.
Broom Holder

MATERIAL
2 Pcs. White Pine 1" x 4" x 10"
4 #5 Flathead Wood Screws 1/4" Long

FINISH
Enamel or Varnish.
Door Stop

**Material**
- 1 pc. White Pine or Fir
- 2 1/4" x 6"
- 1 pc. White Pine or Fir
- 1" x 8" x 8"
- 4 #8 Flathead Screws
- 1/2" Long

**Finish**
- Varnish or Enamel

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**Isometric**

**Exploded Isometric**

**Top View**

**Side View**

# Drill & Countersink for #5 Flathead Screw
Kitchen Cutting Board

Material:
1 pc. Maple 1" x 10" x 16"

Finish:
Varnish or enamel bottom &
sides. Top is left unfinished

Note:
Board may be made
from 2 or 3 pc. hardwood
stock using doweled joint.
Book Rack

**Material - Hardwood**
- 1 pc. 1" x 6" x 18" L
- 1 pc. 1" x 6" x 18" L
- 1 pc. 1" x 6" x 6 1/2" L
- 1 # 5 Flathead Screws
- 1/4" Long

**Finish**
Clear.

**Note**
Screw Holes may be filled or plugged.

**Isometric View**

**End View**

**Front View**
Mitre Box

**MATERIAL**
- 2 Pcs. Oak 1" x 6" x 64" 
- 1 Pc. Fir 2" x 6" x 64" 
- 8 #8 Flathead Screws

**FINISH**
Unfinished

**Top View**

**Isometric**

**End View**

Drill & Counter Sink for #8 Screw
Wren House

MATERIAL
- Pine or Fir
- Roof: 2 pcs. 1/2" x 8" x 10"
- Sides: 2 pcs. 1/2" x 10" x 8"
- Eave: 2 pcs. 1" x 8" x 8"
- Pitch: 1 pc. 1" x 2" x 2"
- 4 box 3d Finish Nails (set 4 fill)

FINISH
- Paint, Varnish or Clear Wood
- Preservative: Avoid bright colors.

BLOCK TO FIT POST

FRONT VIEW

SIDE VIEW
Blue Bird House

Materials
- Redwood, Cypress or Cedar
- 1 pc. 1/2" x 8" x 10" - Roof
- 2 pc. 1/2" x 9" x 6" - Sides
- 2 pc. 1/2" x 6" x 10" - Front & Back
- 1 pc. 1/2" x 6" x 6" - Bottom
- 1 3/8" Dowel 3" Long
- 3 doz. 1" Brad

Finish
- No finish, leave natural.
Planting Box

**Material**
- *Redwood or Cypress*
- 12 Pcs. 2" x 4" x 26" - Flanges
- 12 Pcs. 1" x 6" x 16" - Sides.
- 8 Pcs. 1" x 6" x 16" - Bottom
- 1 - ½" Dowel 2' - 0' Long
- Waterproof Glue
- 130 Gd. Aluminum Nails

**Finish**
Do Finish Required if Redwood or Cypress. Flanges may be painted a different color if desired.

**Diagram**
- Isometric View
- Side View
Serving Tray

**Material**
- Plywood - Fir or Hardwood Veneer
- 2 pc. 3/8" x 1" x 32" - arms
- 2 pc. 3/8" x 1" x 7" - ends for side trays
- 2 pc. 3/8" x 3/4" x 4" - divider for side trays
- 2 pc. 3/8" x 1" x 10" - sides to middle tray
- 2 pc. 3/8" x 2" x 12" - ends to middle tray
- 1 pc. 3/8" x 12" x 12" - middle bottom
- 2 pc. 3/8" x 3/4" x 4" - side bottoms
- 2 pc. 3/4" dowel 7" long
- 6 oz. 1" brass

**Finish**
- Stain, Paint or Varnish

**Note:**
- Glue all joints.
Nail Box

MATERIALS

stack - good quality softwood
1 piece 1' 4" x 8' 0" sides and partitions.
1 piece 1' 8" x 1' 6" for the ends.
1 piece 1' 6" x 10' 0" x 1' 5" for the bottom.
36 of finish nails (for the partitions.)
6 26 no. 7 flathead screws for the ends.
6 26 no. 10 flathead screws to fasten the handle.

TOOLS

crosscut and rip saws, square, rule, plane, hammer screw driver, brace and bit, marking gauge, pencil.

FINISH

no finish is required, but one may be applied.

ends

bottom

no. 10 screw

1 1/2" to ½ of dowel
Bookholder

List of Materials
1-1 x 6 x 32" (red or white birch preferred)
1-5/8" x 15" piece of felt glued to undersurface.
4-"5-1/8" flat head screws glued, sandpaper

PLAN VIEW

SIDE VIEW

END VIEW
Wood Float

This wood float is for finishing concrete. The handle should be made from hardwood and the float from a softwood.
Salt Box

This salt box is not easily overturned and may be made from any 2-inch material either planed or unplaned. One piece of 2"x10"x12' lumber is needed.
Nail and Screw Holder

**NOTES:** screw the jar lids onto the block on all four sides.
Bird Feeder

The feeder may be made of a weather resistant wood such as redwood, cedar or cypress and left unfinished. Any other wood will require protection. Remember, birds do not like loud noisy colors.

- glass
- 1/4" x 1/4" x 6 3/4" guide strips
- 1 1/8" lattice
- 1/4" dowel
- 1/4" stop block
Mail Box Post

1" stove bolts (4) (through mail box)

screws

size board to fit box

3/8" x 4 1/2" bolts

45°

4" x 4"

2" x 4" (nail in place)

concrete

4' 6"
Shoe Shine Box
Tool Chest

NOTE: It can be wall mounted or set on a bench.

MATERIALS NEEDED:
- 2 pieces of 1/2" plywood 24" X 36"
- 4 pieces of 1/2" X 3" X 36" fir or pine
- 5 pieces of 1/2" X 3" X 24" fir or pine
- 1 piece of 1/2" X 2" X 24"
- 2 cabinet hinges
- 2 hooks and eyes
- 1 metal handle
- 6d finish nails
- 4d finish nails
Tool Box

SIDE VIEW

pivot

DETAIL

TOP VIEW

screwdrivers & pliers

5/8" plywood

saws

plane

saw slots spaced 1" apart

TOP VIEW

1"x4"

clips for brace

1"x6"
Boot Jack

\[ \text{\textfrac{1}{4} inches squares} \]

Rubber or other non-skid material.

Nail or screw block to bottom.

\[ \text{1/2 inch hole} \]

2\times4
### Dimensions of Nesting Boxes for Various Species of Regular Box-Inhabiting Birds and the Height at Which They Should be Placed Above the Ground

<table>
<thead>
<tr>
<th>Species</th>
<th>Floor of cavity</th>
<th>Depth of Cavity</th>
<th>Entrance above floor</th>
<th>Diameter of entrance</th>
<th>Height above ground</th>
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<td>Inches</td>
<td>Inches</td>
<td>Inches</td>
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*One or more sides open.

**All sides open.