

## Shed Building

Presenters:

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## Agenda

Time	Presenter	Topic
<b>Thursday 1-5</b>		
1:00-1:10	ALL	Introductions
1:10-1:30	Dick	Overview of Project
	Dick	Uses of sheds for teaching
	Dick	What you should learn (Plan, Handout)
	Mike	Review Materials (PT, Plywood ID), alternative materials (BOM)
	Mike	Review Fasteners (drives)
	Rich	Tool ID (handout)
	Rich	Safety Miter Saw, Circular Saw, Nail Gun, Ladders
2:00-2:30	Dick	Review Plan. Divide into 5 groups. Develop cut list. BOM
2:30-4:00	Mike	Framing. <ul style="list-style-type: none"> <li>• Using a nail gun for framing.</li> <li>• Squaring the frame using corners and plywood.</li> <li>• Use of Simpson ties (floor and roof)</li> </ul>
4:00-4:30	Rich	Cleanup
4:30-5:00	ALL	Review progress, discuss issues, review techniques used
<b>Friday</b>		
8:00-11:30	ALL	Building – Complete sections (flat) <ul style="list-style-type: none"> <li>• Using a jig for plywood overlap.</li> <li>• Installing siding</li> <li>• Layout of the angle using a chalk line</li> <li>• Cutting with a circular saw</li> <li>• Using a chalk line to mark nail lines</li> <li>• Nailing 6” on edge, 12” in “field”.</li> <li>• Installing the roofing</li> <li>• Squaring the frame (temp brace)</li> <li>• Installing with screws</li> </ul>
11:30-12:00	Mike	SLO Activity
1:00-4:00	ALL	Assemble Sections / Build Door / Install Door
4:00-4:30	Rich	Cleanup / Pack tools
4:30-5:00	ALL	Review progress, discuss issues, review techniques used

## Shed Class Activities

Divide the class into work groups using the following questionnaire to spread out experience level.

1. The proper tool to determine the angle of the plumb cut on a rafter is \_\_\_\_\_ or \_\_\_\_\_
2. A green coated nail is commonly called a \_\_\_\_\_
3. Typically spacing for studs are \_\_\_\_\_ or \_\_\_\_\_ inches
4. \_\_\_\_\_ nails are used for pressure treated lumber
5. Horizontal framing members used above windows and doors are called \_\_\_\_\_
6. The actual dimensions of a 2 x 4 are approximately \_\_\_\_\_ by \_\_\_\_\_

Score each question, Your Score: \_\_\_\_\_

### Divide into Groups

Line up by score. Count off by 5s. Your group number is: \_\_\_\_\_. Your section: \_\_\_\_\_

### Create a "Cut List"

Review the plan and create a cut list for section you will be building using the plan for your shed.

### Bill of Materials

Create a bill of materials for your part using the plan. List only the framing materials. Use common sizes. Assume all materials are #2 or better fir (specify PT or not and cost \$.85/bf. Price out your materials.

### Student Learning Outcomes

List the learning outcomes you might expect from the construction of the shed. Be specific.

## Cut List

Review the plans then develop a cut list for your part of the project using the form below.

Materials for: \_\_\_\_\_

Qty	Size	Length	Description	Notes
2	2x4	75"	Fir	Trimmer



## Garden/Storage Shed Resources Web Page

<a href="#">6' x 10' plan (HTML)</a>	Customizable to 6x8 or 6x12.
<a href="#">6'x10' plan (PDF)</a>	
<a href="#">4' x 8' plan (PDF)</a>	Shed Roof
<a href="#">4' x 8' plan (PDF)</a>	Gable Roof
<a href="#">6'x10' plan (DWG)</a>	Editable plan. <a href="#">Shed PD Session.pptx</a>
<a href="#">4' x 8' plan (DWG)</a>	Editable plan. Shed Roof
<a href="#">4' x 8' plan (DWG)</a>	Gable Roof
<a href="#">6' x 10' construction guide</a>	Includes plans, SLO's
<a href="#">6' x 8' Slide Show (PPT)</a>	Photos of construction
<a href="#">6' x 8' sample budget</a>	Excel
<a href="#">Glossary of Building Terms (PDF)</a>	
<a href="#">4' x 8' construction guide</a>	Shed Roof
<a href="#">Bill of Materials (PDF)</a>	6x8, 6x10, and 6x12 use the 6x10 plans
<a href="#">8 x 20 Storage Building plan (PDF)</a>	
<a href="#">8 x 20 Storage Building plan (DWG)</a>	
<a href="#">8 x 20 Bill of Materials</a>	
<a href="#">Cutting List Template</a>	Excel
<a href="#">Bill of Materials Template</a>	Excel
<a href="#">PD session PowerPoint</a>	
<a href="#">Tool ID (PPT)</a>	
<a href="#">Materials / Fasteners ID (PPT)</a>	
<a href="#">Tool List for Shed Building</a>	
<b>BOOKS</b> (Links to Amazon.com)	
<a href="#">How To Build My Shed</a> Kindle Edition	
<a href="#">Black &amp; Decker The Complete Guide to Sheds</a>	
<a href="#">Building a Shed</a>	
<b>Free CAD Products</b>	
<a href="#">Draftsight</a>	
<a href="#">Solid Edge</a>	
<a href="#">AutoCAD Light</a>	
<a href="#">DoubleCAD</a>	
<a href="#">AutoCAD Educational Versions</a>	