

Planer Safety Outline

To Begin

- Ensure the tool is powered off before beginning the safety check
- Let the participant know that they will need to:
 - Review required PPE, tool set-up, tool features, materials, and issues to report
 - Demonstrate safely and properly using the planer to surface a board
 - Clean-up and reset the planer

Review

PPE

- REQUIRED: Safety glasses and hearing protection
- Tie back long hair and tuck in any loose clothing
- Gloves and bracelets are not allowed

Set-Up

- Planer outlet and extension cord
- Dust collector
- Roller stands for long pieces of lumber

Tool Features

- Height adjustment
- Infeed & Outfeed Tables
- Turret Stop
- Minimum Thickness: $\frac{1}{2}$ " & Maximum Thickness: 6"
- Maximum depth of cut on one pass: $\frac{1}{8}$ "
- Aspect ratio of piece: Must be 2X wider than tall (ex: 6" wide x 3" tall)
- On/Off Switch

Material


ALLOWED

- Solid wood that is 16" or longer and free of:
 - Screws, nails, or staples
 - Sand or grit
 - Paint or finish

PROHIBITED

- Pressure treated lumber
- Non-solid wood like OSB
- Any non-wood material

Notify Staff or Volunteer If

- The blade knives are dull or the tool needs maintenance
- Something is malfunctioning or not working correctly with the tool
- Something breaks on the tool while you're using it → 

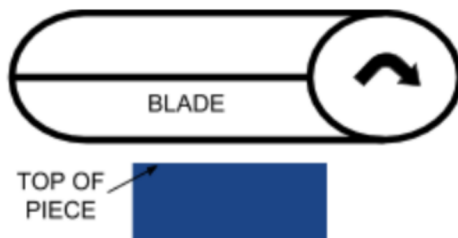
Clean-Up


- Unplug the planer and put away the extension cord
- Put away the dust collector
- Sweep and/or vacuum off the machine and surrounding floor
- Place scrap in the appropriate scrap bin

Demonstrate

Give the participant a 24" long piece of 2x6 or similar wood for using to demonstrate the following cuts:

Surface Plane



-  Sets initial depth of cut accurately and removes a reasonable amount of material on each pass