

Table Saw

- Review dress code**

- Remind students that long hair must be tied back, loose clothing and/or jewelry must be removed

- Why the table saw?**

- Discuss what it does/its strengths:

- Accurate STRAIGHT cuts

- Dados

- Angles/miters

- Show new saw brake and triggered blade/brake**

- Remind students of materials that cannot be cut

- Show blade adjustment cranks:**

- Angle and Height (show center locking knob)

- blade is $\frac{1}{4}$ " above material thickness

- Remind that adjustments should only be done when saw is off

- Show controls at front of saw**

- Main power switch

- Paddle on/off switch

- Show how to turn on and how to turn off with leg if necessary

- Remind students the saw needs to come to a full stop before it can be turned on again

- Discuss and Demonstrate importance of:**

- Freehand cuts are NEVER allowed

- A guide (rip fence, miter guide, crosscut sled etc.) must ALWAYS be used

- ONLY one guide at a time NEVER two guides at once

- Body Position

- Hand Position

- Blade Height

- Making sure no one is directly behind saw

- Briefly discuss Hazards** (No Horror Stories)

- User condition can be hazard ie; lack of sleep, in a hurry,
- Kickback
- Over reaching/improper body position

Making Cuts

Rip Cuts

- Rip cut definition**

- Along the “grain” or long side

- Show fence adjustment and how to read dimensions**

- Remind students to lock fence

- Six plus inch rip**

- Make a mock “cut” with blade below table
- Review body position and rules
- Material flat on table
- Material against fence
- “Cut” smooth and steady all the way past blade
- Make cut using hands to push/guide
- Raise blade and make actual cut
- Turn saw off and allow to come to complete stop
- Students make the cut (after student makes cut, have them turn off saw, undo fence adjustment and lower blade for next student)

- Less than Six inch cuts require push stick**

- Show both push sticks
- Emphasize push sticks are sacrificial
- Talk about when to use push stick
- Review body position and rules
- Demonstrate cuts decreasing to ¼”width

- Bevel Cut**

- Set up bevel-make sure students look at knobs while setting up
- Blade tilts away from fence
- Discuss tendency for piece to be pulled from fence
- Review body position and rules
- Demonstrate cut
- Students make cut

•Cross Cut

- Discuss/Define crosscut
- Use **only one guide at time**
- Demonstrate Miter Guide
- Show placement of crosscut sled on table
- Demonstrate clamping stop block on sled
- Show how to hold material and push sled being careful of blade exiting rear of sled
- Move cut pieces away from blade before retracting sled
- Review body position and rules
- Demonstrate cut
- Reminder not to install or remove sled while blade is spinning
- Students make cut with sled

•Dado

- Ask what looks different about blade
- Show sample(s)
- Explain that dado NEVER cuts all the way through material
- Watch hand placement and be aware of exiting blade path
- Review body position
- Remind students they may not see moving blade
- Demonstrate Dado cut
- Set up sacrificial fence
- Demonstrate rabbit cut
- Students make cut(s)

•Remind students to clean-up after themselves immediately after using a tool or area.

Show them where the brooms, vacuum, etc. are located and what our expectations for clean-up are.

REMEMBER-We are here to help. If you have any questions ask!