

Ms. Slack

Tech 8

(revised 10/7/15)

Band Saw

**Purpose:** To cut irregular shapes and curves

**Safety:**

1. Ask instructor for permission to use
2. Wear safety glasses
3. Remove jewelry, eliminate loose clothing, put up long hair
4. The guide should always be from ⅛”-¼” above the work, use spacer to adjust height.
5. Keep fingers away from the line of the blade
6. Turn off machine to back out of a cut
7. Do not attempt to cut a radius/curve tighter than the blade will allow
8. Use relief cuts in tight areas
9. Turn off machine and wait until the blade stops before you walk away from the machine
10. Use a hand brush to clean off the bandsaw table
11. Keep floor area clean to avoid accidents

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Steps to set up machine:

1. Adjust guide height using spacer, make sure guide is tightened
2. Use push stick if necessary, so that your fingers are safely away from the blade

When in doubt or unsure about something, ASK your teacher!



Drill Press

**Purpose:** To drill accurate holes in various materials

**Safety:**

1. Ask instructor for permission to use
2. Wear safety glasses
3. Remove jewelry, eliminate loose clothing, put up long hair
4. Lock in drill bit with chuck key, always remove it from the chuck
5. Use scrap wood as a backing block below what you want to drill
6. Always unlock table before lowering, lock when adjusted
7. Securely clamp materials you will be drilling
8. Turn off the machine and wait until the drill bit stops before you walk away from the machine
9. Clean table with hand broom

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Steps to set up machine:

1. Lock drill bit in with the chuck key
2. Clamp material to table if necessary

When in doubt or unsure about something, ASK your teacher!

**Word Bank:**

On/Off Switch

Depth Stop

Spindle

Feed Lever

Chuck

Table

Base

Column

Scroll Saw

**Purpose:** To cut out intricate curved designs both inside and on the outer edge of a piece of work.

**Safety:**

1. Ask instructor for permission to use
2. Wear safety glasses
3. Remove jewelry, eliminate loose clothing, put up long hair
4. Adjust the guard by loosening the knob, the guard should sit on top of what you going to cut
5. Adjust the variable speed knob
6. Clamp a straight edge to the table if needed, double check that it’s adjusted to make an accurate cut
7. Remove what you are going to cut from the guard before turning the saw on.
8. Turn on the scroll saw and make your cut
9. Turn off the machine and wait until the saw stops before you walk away from the machine
10. Clean table with hand broom

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Steps to set up machine:

1. Adjust the guard
2. Adjust the speed knob
3. Clamp a straight edge in place if needed
4. Turn on machine to cut your work

When in doubt or unsure about something, ASK your teacher!

