

# Common Sense

Use it or Lose Something Valuable!



**"I got 90% on my safety test!"**

# Top Three Safety Rules

# 1. Safety First

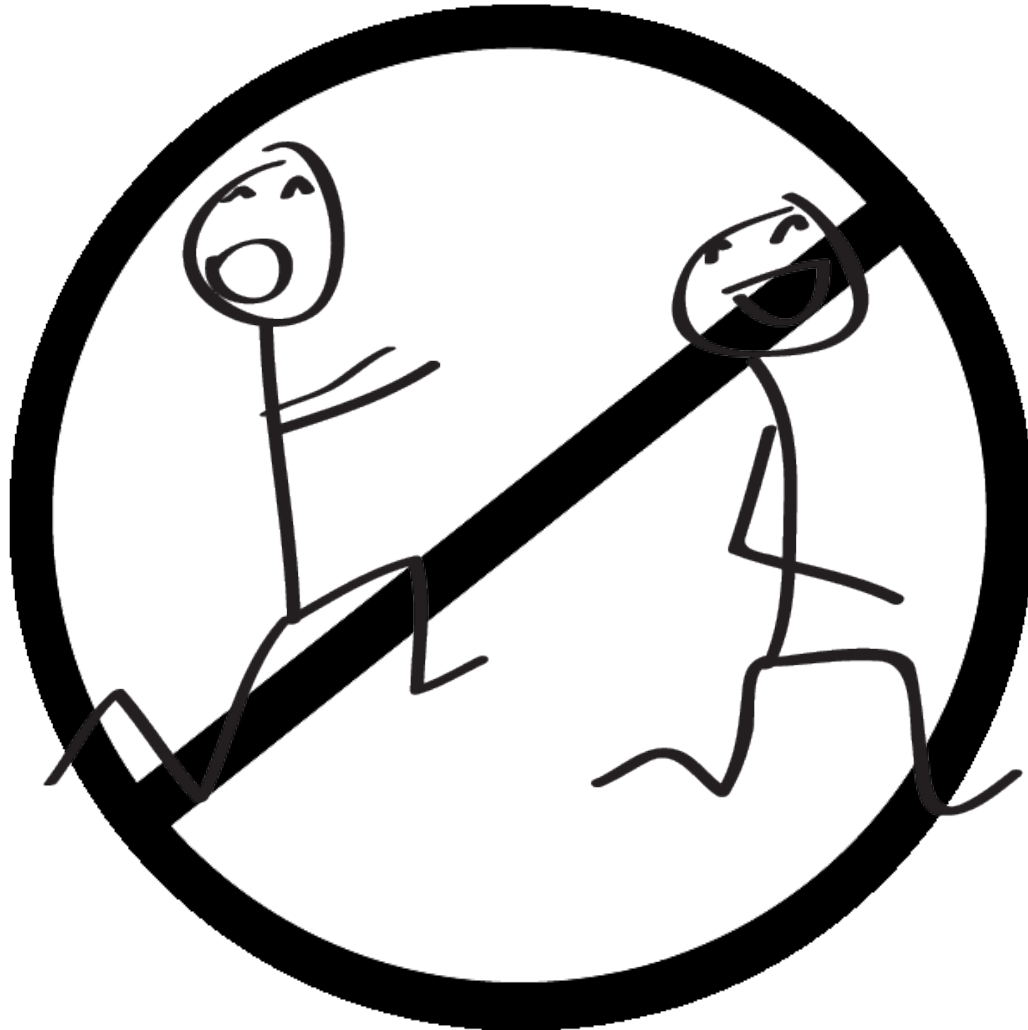
- Be aware of what the machines can do to you.
- Be CONSTANTLY thinking of how to keep yourself safe while working with a machine.
- Be CONSTANTLY thinking about how to keep others around you safe.
- *All it takes is ONE little slip up, and someone has to go to the hospital.*

## 2. Safety Glasses on at all times in the shop!



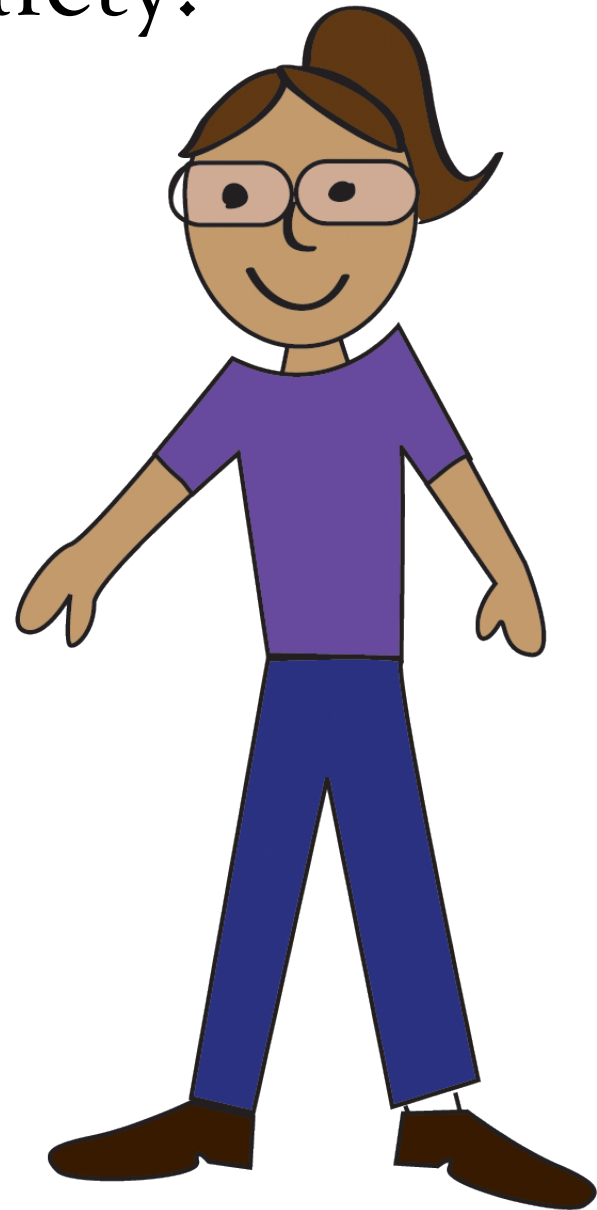
Never go in the shop without these over your eyes!!

3. Absolutely NO horseplay/  
rowdiness/unsafe behavior



# Dress for Safety!

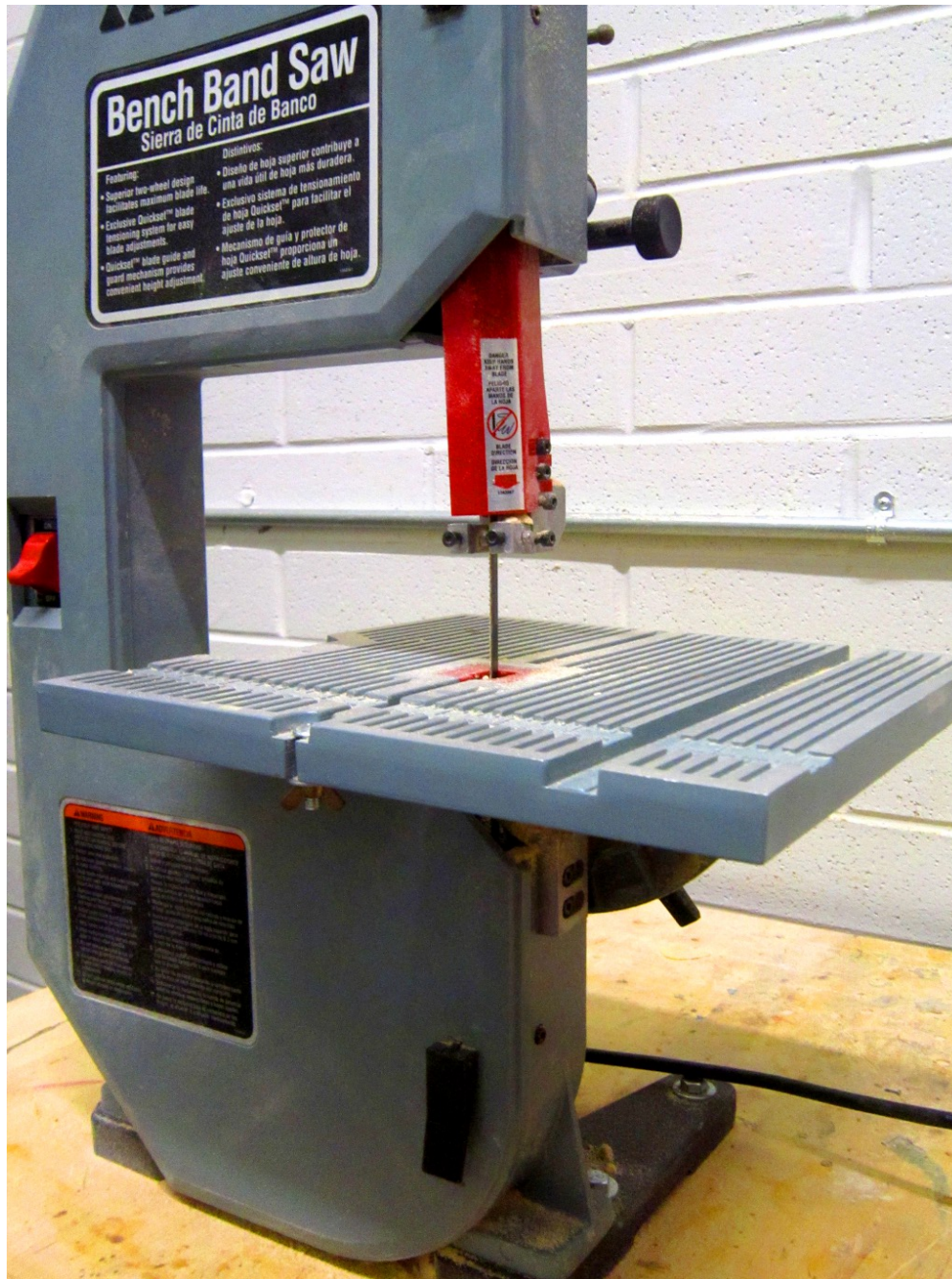
- Tie back long hair
- Remove jewelry, watches, arm bands, etc.
- Wear CLOSED-TOE shoes
- Remove jackets/hoodies, roll up sleeve
- SAFETY GLASSES



# Basic Common Sense Rules

- Don't touch something hot
  - Glue Guns, the drill press after use, melted lip balm right out of a microwave, etc.
- Always ask for permission, and report injuries to the teacher!!
- Don't run with sharp objects
- Don't work in the shop without the teacher present
- Don't run in the shop or lab





# Band Saw

# Band Saw Common Sense:

- DON'T TOUCH.
- If you take Exploring Technology as an 8<sup>th</sup> grader, you'll get to use this machine.
- If you try to use it as a 7<sup>th</sup> grader, you get a one-way ticket OUT of the shop.



Drill  
Press

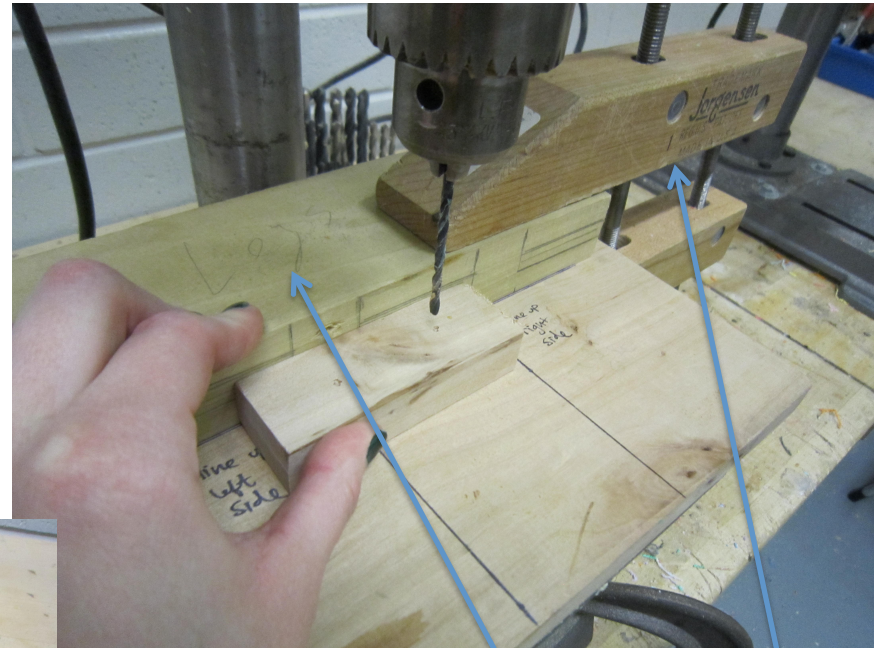


# Drill Press CS:

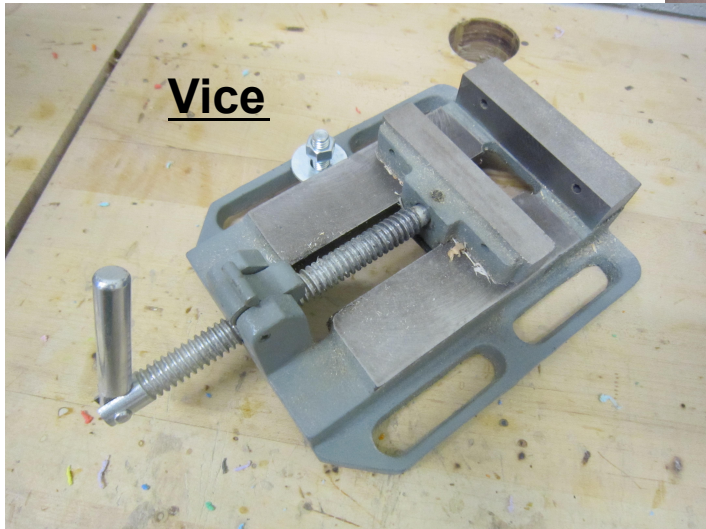
- ALWAYS clamp down your workpiece or use a fence
- If the workpiece tries to spin, turn off the machine and readjust or tighten the clamp
- The drill bit gets HOT after you use it—so DON'T TOUCH.
- If you take too long to drill your hole, your workpiece will burn!

# Drill Press Guides:

Wood  
Clamp



Vice



Fence

(notice how it's clamped down with a wood clamp)

# Strip Heater

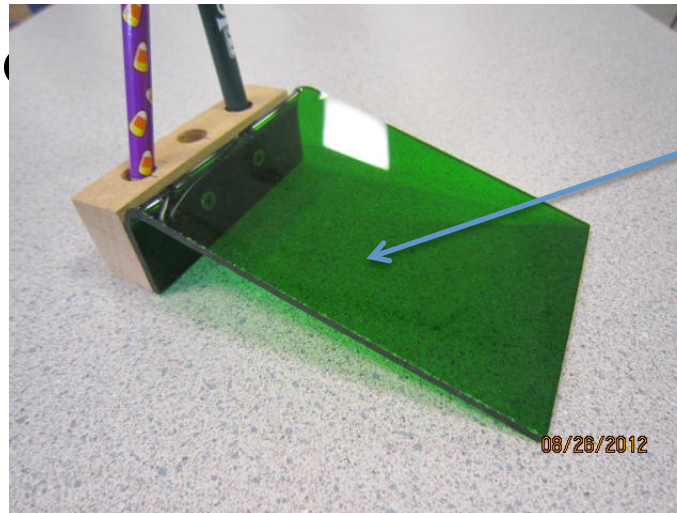


In there it gets hot!

08/26/2012

# Strip Heater

- Use to bend Plexiglas—the heat melts the plastic enough that it becomes flexible. Heat, bend, cool.
- The strip heater is hot. Don't touch it!
- Don't heat ANYTHING ELSE except Plexiglas on the strip heater





# Hot Glue Gun





# Hot Glue Gun Common Sense

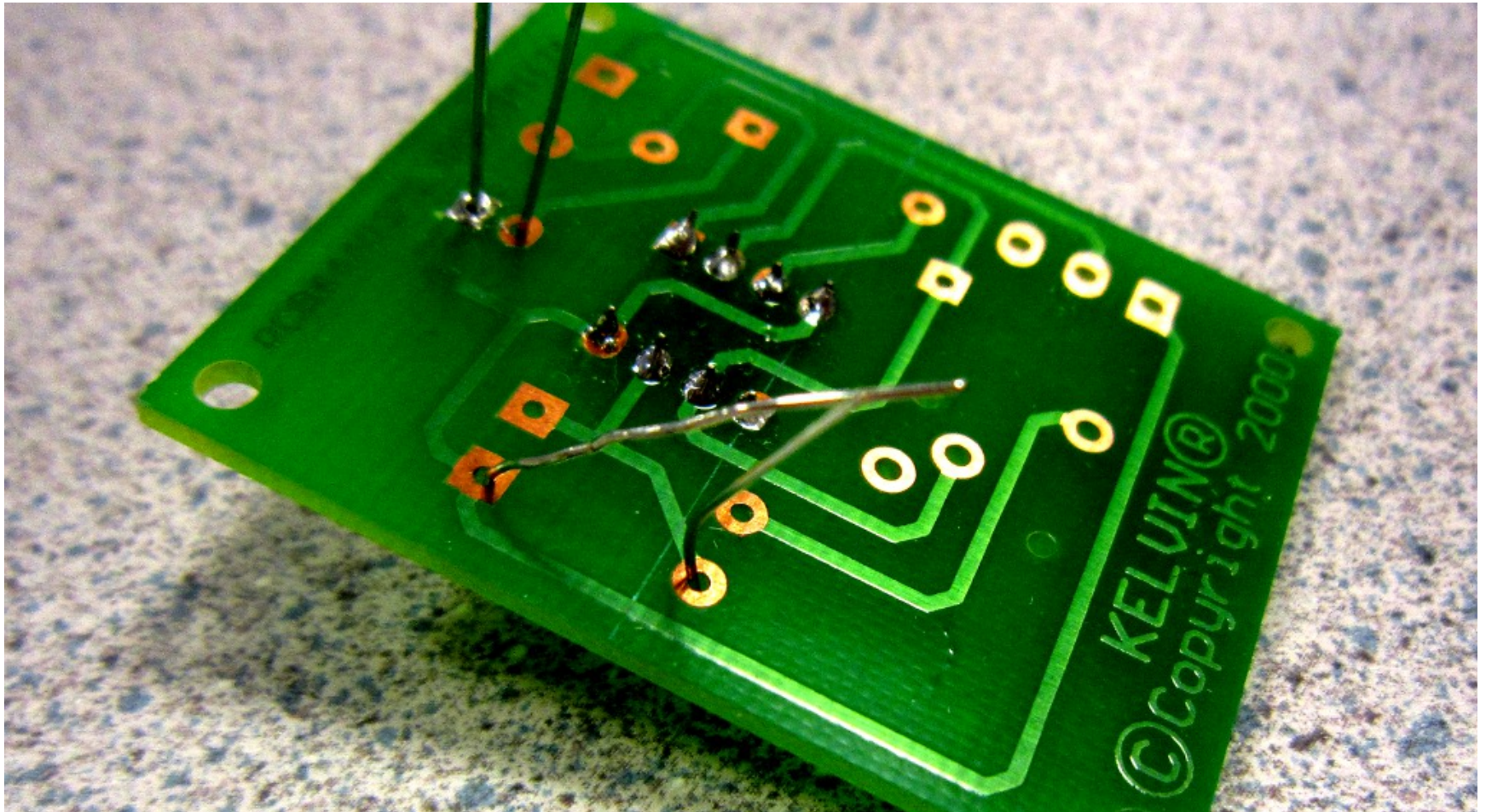
- The hot glue is HOT! So don't touch it!
- Don't set the glue gun on items that burn—such as the power cord, paper, etc.
- Don't waste glue!!
- We won't really use these in CTE



# Soldering Iron



Soldering Irons are used for:



# Soldering Iron:

- We won't be using these in CTE either.
- If you take Intro to Engineering or Tech Foundations as a 9<sup>th</sup> grader, you'll get to do some soldering.



# Scissors



Review from Kindergarten:



DUH.