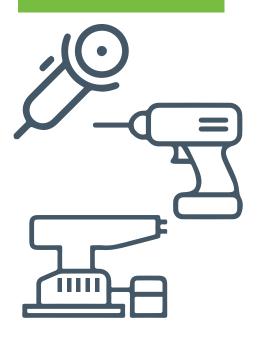


## WOODWORKERSTOOLBOX TALK

## MANUAL AND POWER TOOL SAFETY



The tools of the trade for woodworkers have the potential to cause serious injury, particularly if they are not taken care of or used without due caution.



## SAFETY TIPS

- Never use a power tool unless you have been trained and authorized to do so. Follow safe work procedures.
- Inspect all tools prior to use.
  Only use tools that are in good operating condition.
  - Check out any unusual vibrations or noises before using powered equipment.
  - Check all power cords daily for tears or cuts in the insulation, loose connections (plug to wire and wire to tool) and poor ground connections.

- Report all broken or worn out tools to your teacher or supervisor, and mark them "Not to be used".
- 3. Wear hearing protection and tie back long hair when operating power tools.
- 4. Before starting, check to ensure that all **guards** and safety devices are in place and functioning properly, and check that the power switch is in the off position before plugging it in. Only the operator should turn the tool on.

## **EXAMPLES OF HAZARDS**

- Poorly maintained hand tools for example, chisels and wedges with mushroomed heads, split or cracked handles, chipped or broken drill bits.
- Poorly maintained power tools for example, frayed cords, broken or inoperative guards, defective on/off switch, or tool blade cracked.
- Wrong parts used for example, grinder wheel.
- Tools used without training or personal protective equipment.



MANUAL AND POWERTOOL SAFETY OUTILS À MAIN ET ÉLECTRIQUES/MÉCANIQUES





- Stay with running power tools. Do not walk away from a machine you have been using until it comes to a complete stop—it takes only a few seconds for a power tool to 'wind down' after it has been shut off.
  - A power tool is just as dangerous in the few seconds it takes for the equipment to come to a complete stop.
- 6. Whatever tool you are using, make sure it will cut, drill,or grind only the material you want to cut, drill, or grind.
- $7. \quad \text{Keep your hands away from the spinning drill bits, grinding disks, or other moving parts.} \\$
- $\textbf{8.} \quad \text{Make sure the cutting part of a tool will not come in contact with the power cord.}$
- 9. Maintain a firm grip on power tools at all times when in use.
- $10. \ \text{Turn off power tools before making adjustments. Always unplug or } \textcolor{red}{\textbf{lockout}} \text{ the tool before making}$ any adjustments or changing settings where there is a danger of being injured in the event of a start up of the tool.

**Ground Connections** create a path for electricity to travel directly to the earth. They will help prevent you from being electrocuted.

**Guards** are materials that are used to stop you from coming into contact with moving parts of machines. Some will also protect you from flying pieces of wood or liquid that fly off when you are working.

Lockout is when you prevent a tool or piece of equipment from turning on by removing the source of power. This could be by blocking an on/off switch, or just unplugging the equipment.

