Drill Press

Purpose
The drill press is used for cutting holes into workpiece. The drill press exchanges the ease of use and portability of a hand drill with accuracy, precision, and less effort to bore the hole.

Safety
- Do not put fingers into the chuck or rotating bit
- Make sure to clamp the pieces used
- Ensure that drill bit is correctly centered in the jaws of the drill press (a.k.a: bit doesn’t ‘wobble’ when drill is turned on
- Ensure that table is locked before drilling

Startup and Running Procedure
1. Make sure emergency stop is pressed and the machine is off
2. Insert Bit into tightening jaws and tighten jaws
   a. MAKE SURE that bit is centered (see above)
3. Adjust table height if necessary
   a. MAKE SURE that table is locked
4. Make sure that the workpiece is properly clamped
5. Adjust the Speed of the drill press for the bit size
   a. Higher RPM for smaller bits
   b. Lower RPM for larger bits
6. Lower bit using the down-feed handle into wood slowly make sure not to drill into vice

Shutdown Procedure
1. Press red STOP button to stop rotation of tool
2. Remove drill bit from vice and place back in correct tool holder
3. Unclamp workpiece

Tool Usages
The Drill press may use any of these types of bits
- Twist bit
- Point bit
- Hole saw
- Counter sink, etc

Allowable Materials
Woodshop drill
- Wood, Plastic
Metal shop drill
- Aluminum, Copper, Brass, Stainless Steel

Video Link
https://www.youtube.com/watch?v=SCkh9EdTIBE