

MAKERSPACE (POWER TOOLS) SAFETY RULES

- 1) ALL powertool & resin work must be supervised! WEAR goggles and safety gear at all times (as instructed)
- 2) Hoodies off, ALL jewelry & watches off, wear school attire--covered shoes, always tie hair back
- 3) BE AWARE of materials being used and your surrounding area
 - a) METALS: shavings can get everywhere, be careful of the burr (sharp edge on face) and file them down
 - b) WOOD: pre-drill holes using a drill bit, be careful of splinters
 - c) PLASTIC: be careful it doesn't melt while cutting (may warp/gunk up the saw), use scroll saw
- 4) THINK SAFETY at all times, & know where the safety kit & first aid are
- 5) RESPECT workspaces'/stations' function, contribute to, & focus on tasks at hand. No one should ever "have nothing to do". Clean, document, observe & give feedback.
- 6) LABEL & STORE all team project materials in designated areas. Always clean up your workspace at the end of each class.
- 7) PUT ALL EQUIPMENT back in designated areas. Maintain and follow the organization and function of the makerspace.
- 8) LISTEN TO AND FOLLOW all instructions
- 9) LEARN how to use the equipment properly
 - a) SAW HANDLING: always keep fingers away from the blade & peed should be no more than 5, feather/lightly pull the trigger, always use the vacuum, keep your thumbs flush to your hand
 - b) SET UP: set everything up first (all materials propped up and out), never plug in until right before use
 - c) DRILLING: do with bits before drilling in screws. Use drill press whenever possible FIRST. If I am unavailable to supervise, please use the wood glue and clamp your pieces together (on your original lab instructions). Priority today will be for students who have yet to cut their (mold) boxes.

STEP 1: Draw a line to guide where your holes will go, draw "x" for holes as far away from the edges as possible (to avoid splitting)

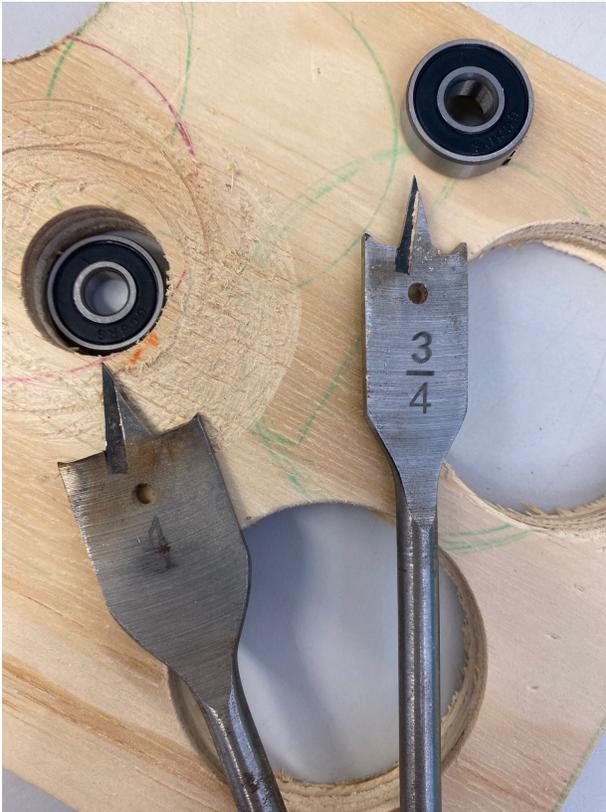
STEP 2: Set up blocks/wood to stabilize your pieces with the clamps (Found in cabinet. May take some time/patience to get all pieces flush.

STEP 3: Use bit to drill holes first. Then drill in screws.

SEE PHOTOS BELOW



FOR FIDGET SPINNERS: 1" hole—will set with glue or 3/4" hole sand down to size



****Violation of any of these safety rules may result in immediate ban of equipment resulting in an automatic failure of the project/assignment****