



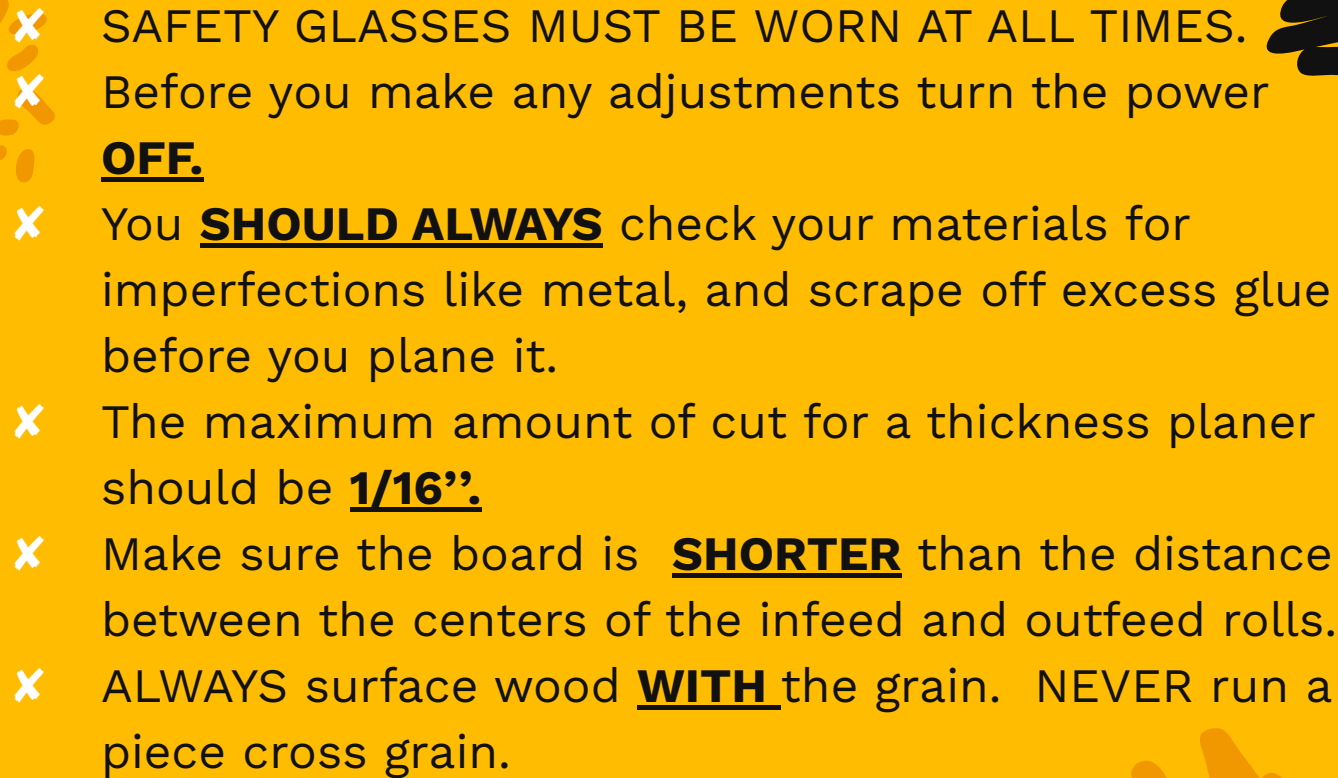
Power Tool Safety

Planer, Power Equipment, & Band Saw

Planer



A wood planer is a woodworking tool, which can be used for producing boards of even thickness that also happen to be totally flat on either side. While the traditional wood planer was more of a handheld tool

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- x SAFETY GLASSES MUST BE WORN AT ALL TIMES.
 - x Before you make any adjustments turn the power **OFF.**
 - x You **SHOULD ALWAYS** check your materials for imperfections like metal, and scrape off excess glue before you plane it.
 - x The maximum amount of cut for a thickness planer should be **1/16"**.
 - x Make sure the board is **SHORTER** than the distance between the centers of the infeed and outfeed rolls.
 - x ALWAYS surface wood **WITH** the grain. NEVER run a piece cross grain.



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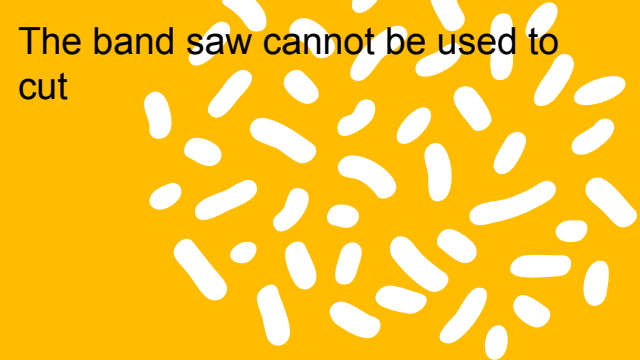
- x You **CANNOT SAFELY** use the Planer on plywood or particleboard.
- x You **SHOULD ALWAYS** check your stock (materials) for imperfections like metal, and scrape off excess glue before you plane it.
- x If the lumber being planed stops part way through the cut **wait until the cutter head completely stops and adjust the lumber.**
- x When leaving the planer work area **turn the machine off and make sure all moving parts have stopped before leaving the work area.**



Never look into the Planer while it is running because:

- chips and sawdust can get in your face
- a kickback can occur
- knots may fly out and hit you








The band saw cannot be used to cut




BAND SAW SAFETY



Power saw with a long, sharp blade consisting of a continuous band of toothed metal stretched between two or more wheels to cut material.




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- Safety glasses must be worn!
 - The blade guard should be set 1/4" above the wood
 - The band saw cannot be used to cut **TIGHT CURVES.**
 - Standing on the right side of the machine when it is being used **could result in you getting harmed if the blade breaks.**
 - ALWAYS make adjustments with the power fully disconnected.

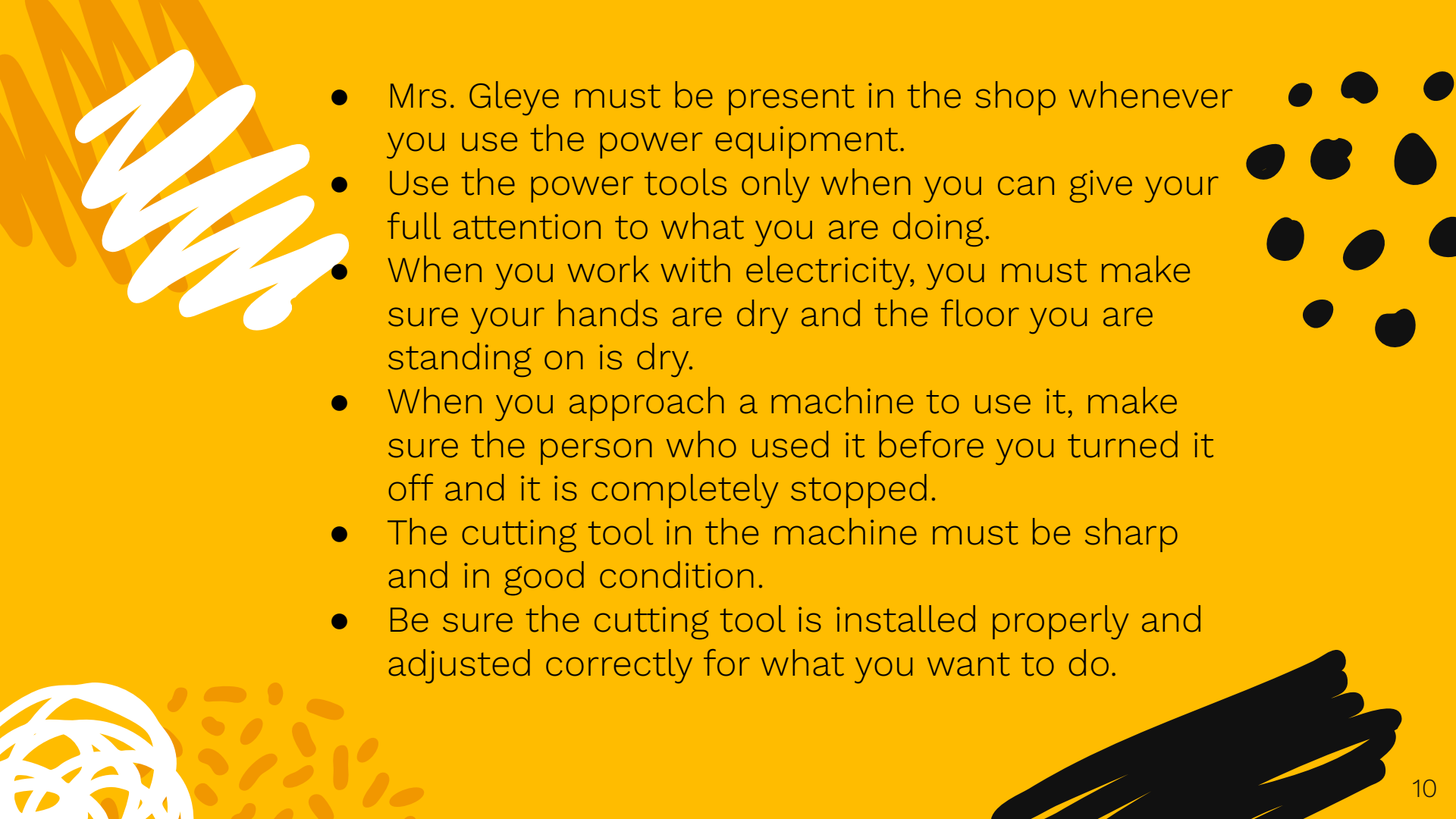
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- Keeping the wheel guards closed when using the machine is **safe practice and should always be followed.**
 - You should never use your thumb when sawing small pieces.
 - Reaching to the left or right of the blade is necessary, as long as your fingers are more than two inches away from the blade.
 - Keeping your hands away from the blade is **smart and good safety practice.**
 - Keeping all wood scraps on the table or stacked around the machine is **UNSAFE.**
 - Leaving the saw only after it has stopped **is the right thing to do.**











Power Equipment



- x Eye protection must be worn at all times.
 - x You must always have Mrs. Gleye's permission before using any of the equipment.
 - x Use the power equipment only if you understand how to use it correctly and safely.
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- Mrs. Gleye must be present in the shop whenever you use the power equipment.
 - Use the power tools only when you can give your full attention to what you are doing.
 - When you work with electricity, you must make sure your hands are dry and the floor you are standing on is dry.
 - When you approach a machine to use it, make sure the person who used it before you turned it off and it is completely stopped.
 - The cutting tool in the machine must be sharp and in good condition.
 - Be sure the cutting tool is installed properly and adjusted correctly for what you want to do.

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- Check to see that the blades are in place and working properly.
 - Do not remove any of the safety guards.
 - If a machine doesn't work properly, or if it doesn't sound right, turn it off and tell the instructor.
 - Power tools should be used only for what they are designed to do.
 - Get permission before you make any major changes on the equipment.
 - Machines should always be turned off before making adjustments.
 - If you disconnect the power at the circuit breaker panel, put up a sign that warns others not to connect it.
 - The machine must be turned off and completely stopped before any minor adjustments are made.

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- The material must be clean, free of light AND electric hardware or finishes.
 - Keep yourself balanced. Don't over-reach or lean on a machine.
 - The cut must not be started until the machine is running at full speed.
 - Use an even, steady pressure to make the cut. Don't force it or overload the machine.
 - Don't let anyone distract you while you operate the equipment.
 - Use a piece of scrap wood, a push stick or a brush to clear away scraps or dust. Don't use your hands.
 - Stay clear of the danger when someone is operating a machine.
 - When you are finished, remove any materials or special set-ups you may have used.
 - Sweep the equipment and the area around it when you are finished with the work.
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THANK YOU!
ANY QUESTIONS???

