

# 10

## STUDY GUIDE PLANER SAFETY

NAME: \_\_\_\_\_

CLASS OR PERIOD: \_\_\_\_\_

DATE OF INSTRUCTION: \_\_\_\_\_

1. Get your instructor's permission before you use the planer.
2. Wear eye protection *and* ear protection. Some planers are extremely loud. Use ear muffs when you operate the planer.
3. Know the controls. You may need to stop the planer in an emergency, and you may have to lower the table. Know the location of the stop switch *and* know how to operate the elevation control.
4. Set the height of the table *before* you switch on the planer.
5. Adjust the planer for the *smallest* cut that'll do the job. Do *not* plane more than 1/16 inch at one time.
6. The wood has to be in good condition. Don't plane material that has loose knots, splits or checks in it.
7. Check the material to be sure it's free of nails or other hardware.
8. Don't plane material that has paint, varnish or any kind of finish on it.
9. The stock must be long enough to go through the planer safely. The length will depend on the make and model of the planer. Check with your instructor.
10. The material has to be thick enough to be planed safely. Do not plane stock that is less than 1/2 inch thick. (There is a method to plane thin material. Check with the instructor if you need to plane thin stock.)
11. The board should have one true, surfaced reference face. Place the surfaced side of the stock face down on the planer table.
12. When you plane a long piece of stock ask someone to help you. Get someone to support the material as it leaves the outfeed side of the planer.
13. Plane with the grain. Never try to plane in any direction except *with* the grain of the wood.
14. Keep your fingers away from the area between the stock and the surface of the table. Hold the stock by the sides and let go as soon as the rollers start to pull it into the planer. Let the planer do the work.
15. Stand to one side while the stock is going through the planer. Stand clear of any possible kick-back.
16. *Never* look into the planer while it's operating, even though you're wearing eye protection. Chips are sometimes thrown out of the planer.
17. If the material gets stuck in the planer, switch it off. Wait for it to come to a complete stop and lower the table.
18. Don't operate the planer unless it's been demonstrated for you and you're sure you understand how to use it safely.