

Shop Safety Guide

Select the most appropriate answer.

1. Upon entering the shop students should:
 - A) always wear safety glasses.
 - B) mind their surroundings.
 - C) follow all safety rules.
 - D) all of the above.
2. When making adjustments to a piece of equipment:
 - A) stop using the tool first
 - B) un-plug the equipment first
 - C) have a partner watch
 - D) be sure to grease joints
3. Be sure to check extension cords for:
 - A) frayed ends
 - B) tape
 - C) loose connectors
 - D) all of the above
4. Cutters and blades should be sharp because:
 - A) they cut faster and cleaner
 - B) they put more strain on the tool
 - C) the operator must be more cautious
 - D) then there is no need for safety guards
5. When making a cut on the table saw, the blade height should be above the stock no more than:
 - A) 1/16"
 - B) 1/8"
 - C) 1/4"
 - D) 1/2"
6. The jointer should be used for:
 - A) short or thin stock
 - B) taking off large sections of stock
 - C) squaring an edge or face of stock
 - D) crosscutting stock
7. Fingers should be kept away from the band saw at least:
 - A) 2"
 - B) 3"
 - C) 4"
 - D) 6"
8. The radial arm saw should not be used for:
 - A) cross cutting
 - B) ripping
 - C) squaring a stock face
 - D) making multiple cuts
9. When using the table saw:
 - A) stand in front of stock for proper control
 - B) lean on the table for balance
 - C) don't use a push stick
 - D) do not use the miter gauge and ripping fence at the same time
10. A push stick should be used when:
 - A) cutting thin stock
 - B) cutting thick stock
 - C) common sense dictates it necessary
 - D) using the jointer
11. The upper blade guide on the band saw should be higher than the stock being cut by no more than:
 - A) 1/16"
 - B) 1/8"
 - C) 1/4"
 - D) 1/2"
12. When using the planer, do not remove more than _____ at a time.
 - A) 1/16"
 - B) 1/8"
 - C) 1/4"
 - D) 1/2"

Determine whether each statement is true or false.
Circle the most appropriate answer.

1. T F Do not use the planer for stock less than 12" long.
2. T F Have an assistant for cutting long stock.
3. T F When using the spindle sander, small or irregularly shaped pieces should be held in a clamp or jig.
4. T F When adjusting the router, be sure to tighten bits securely.
5. T F Make adjustments on the table saw while the blade is moving to see how it will affect cutting.
6. T F No special precautions need to be taken when using the jointer.
7. T F Use relief cuts for sharp curves on the band saw.
8. T F There should be approximately 3/4" play on the band saw blade.
9. T F When using the drill press, roll up long sleeves and tie back hair.
10. T F On most equipment, there should be a 6" margin of safety.
11. T F Do not back out of long cuts on the band saw.
12. T F Stand to one side of the planer's in feed table when planing.
13. T F Saws may be operated without safety guards if students think it is necessary.
14. T F Do not leave a saw while it is running unless you are asked.
15. T F When jointing, do not remove more than 1/8" at a time.
16. T F The spindle speed on the drill press should be slower for smaller holes and faster for larger holes.
17. T F Make sure the chuck is tightened securely and the chuck key is removed before starting the drill press.
18. T F Do not cross arms when using the radial arm saw unless absolutely necessary.
19. T F Maintain a 6" margin of safety when using the radial arm saw.
20. T F The miter/chop saw should only be used for cross cutting.
21. T F Cross cutting is cutting with the grain.
22. T F When cutting long stock on the miter/chop saw, it is a good idea to use a roller table or have an assistant help.
23. T F Before putting a board in the planer, check to make sure there are no screws, nails, excess glue, or loose knots.
24. T F When using the router, make a trial cut on a scrap piece of board first.
25. T F The spindle sander may be used for projects with glue on them if the spindle is changed first.
26. T F When cutting long stock on the table saw, the assistant should gently pull stock through the saw to reduce tension.
27. T F If using the fence, stock may only be ripped on the table saw against a straight edge.
28. T F Do not reach over the saw while it is running unless a piece of scrap is against the blade.
29. T F When using the drill press, clamp smaller pieces of stock to the table.
30. T F When using the radial arm saw, return the saw to the rear of the table after making a cut and hold the handle until the blade comes to a complete stop.

Fill in the blank to complete the statement.

1. Have a safe and _____ attitude every time you are in the shop.
2. Always wear _____ while in the shop.
3. Have a _____ of a tool or machine before attempting to operate it.
4. No _____ will be tolerated in the shop.
5. _____ and _____ are the two most important tools when working in the shop.
6. Do not allow yourself to become _____ when working in the shop.
7. Always _____ tools when making adjustments or repairs.
8. Only use a tool or machine for the use it was _____.
9. Do not _____ another student while he or she is working in the shop.
10. Keep the lab _____ and well _____. Clean off tools and machines after each use and make sure equipment is clear of debris.
11. Do not wear _____ or _____ clothing while in the shop
12. Never leave a machine running _____.
13. Do not wear _____, _____, or _____ as they may get caught in moving parts. Tie back long hair.
14. Be sure to have _____ of machines at all times.
15. To ensure safety, use _____ cutters and blades as they cut faster, cleaner, and with less stress.