

Safety Tests

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General Safety Test

Directions: Circle the letter of the answer that best completes the statement or answers the question.

1. When the safety rules refer to “horseplay,” the meaning of the term is
 - a. for animals.
 - b. games for horses.
 - c. fooling around.
 - d. throwing hay.
2. Safety in the technology lab is
 - a. everyone’s concern.
 - b. only for the teacher to worry about.
 - c. just to protect yourself.
 - d. not worth the effort.
3. Warning signs are especially useful where there are items that are
 - a. colorful.
 - b. expensive.
 - c. tall.
 - d. hot.
4. A machine guard
 - a. prevents unauthorized people from using the machine.
 - b. minimizes the risk to the machine operator.
 - c. costs very little.
 - d. looks attractive.
5. When someone is finished using a machine, he or she should
 - a. yell “finished!” and leave the area.
 - b. shut off the machine and wait until it stops.
 - c. unplug the machine while it is running.
 - d. disable the machine to stop it.
6. Eye protection is required
 - a. for all machine operations.
 - b. when tired.
 - c. for those with eye conditions.
 - d. when working alone.

- 7.** Wearing loose jewelry might be dangerous because it
 - a.** might get lost.
 - b.** could be expensive.
 - c.** could get caught in moving machine parts.
 - d.** attracts electricity.

- 8.** Oily rags should be stored in an approved container to prevent
 - a.** fire.
 - b.** smell.
 - c.** contamination.
 - d.** staining.

- 9.** Hazardous materials are things that are considered potentially
 - a.** interesting.
 - b.** unusual.
 - c.** expensive.
 - d.** dangerous.

- 10.** MSDS refers to a
 - a.** publisher of reference books about tools.
 - b.** sheet containing a list of parts and their cost.
 - c.** document with safety information about a substance or product.
 - d.** set of user's manuals for machines.

- 11.** Posted safety rules are important rules that have been
 - a.** written on a post.
 - b.** placed on display.
 - c.** carved into wood.
 - d.** taken from hunting rules.

- 12.** Giving your full attention to the task at hand is likely to
 - a.** increase concentration.
 - b.** be very demanding.
 - c.** be tiring.
 - d.** decrease effort.

- 13.** A danger zone is often marked by
 - a.** black and yellow striped tape.
 - b.** blue signs.
 - c.** green lighting.
 - d.** white flooring.

- 14.** Getting someone to help lift a heavy or awkward item is likely to result in
 - a.** fewer items to move.
 - b.** fewer injuries.
 - c.** less distance to move.
 - d.** crowded work areas.

- 15.** Accidents or injuries should be reported first to
 - a.** close friends.
 - b.** strongest student present.
 - c.** the teacher.
 - d.** school nurse or doctor.

- 16.** Sharp or pointed objects in the lab area are considered especially
 - a.** interesting.
 - b.** useful.
 - c.** unlikely.
 - d.** dangerous.

- 17.** A machine should not be used if the operator has not yet
 - a.** made a project.
 - b.** reached the age of 18.
 - c.** learned first aid.
 - d.** received training in the use of the machine.

- 18.** Someone operating a machine should not allow others to be
 - a.** better students.
 - b.** faster workers.
 - c.** distractions.
 - d.** competitors.

- 19.** If an electrical tool or machine has a damaged cord or plug,
 - a.** it should be fixed if it's convenient to do so.
 - b.** the tool or machine should not be used.
 - c.** it means the equipment is in good working order.
 - d.** you should use an extension cord with it.

- 20.** If the teacher is not in the lab area, a machine
 - a.** should not be used.
 - b.** should be used carefully.
 - c.** will not operate.
 - d.** cannot be shut off.

- 21.** Each machine has its own
 - a.** safety rules.
 - b.** guarantee.
 - c.** material supply.
 - d.** license.

- 22.** Using the “right tool for the job” really means using the
 - a.** cheapest tool.
 - b.** most appropriate tool.
 - c.** closest tool.
 - d.** right-handed tool.

- 23.** “Keep your hands away from all moving parts” is a rule meant to
 - a.** avoid losing machine parts.
 - b.** avoid damage to stock.
 - c.** avoid injuries to the hands.
 - d.** stop parts from moving.

- 24.** If the operator must leave a machine, he or she should
 - a.** make a note of it.
 - b.** tell the teacher.
 - c.** leave the material there.
 - d.** turn it off.

- 25.** Describe the emergency evacuation routes from the technology lab area in your school.

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Answer Key to General Safety Test

1. c
2. a
3. d
4. b
5. b
6. a
7. c
8. a
9. d
10. c
11. b
12. a
13. a
14. b
15. c
16. d
17. d
18. c
19. b
20. a
21. a
22. b
23. c
24. d
25. Accept all reasonable answers that reflect an accurate understanding of your school's evacuation routes.

Name _____ Date _____ Class _____

Machine Safety Performance Record



RADIAL ARM SAW

DEMO _____ PROFICIENCY _____



PLANER/SURFACER

DEMO _____ PROFICIENCY _____



CIRCULAR SAW

DEMO _____ PROFICIENCY _____



TABLE SAW

DEMO _____ PROFICIENCY _____

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Arnold & Brown/(b)(7)(D)Delta International Machinery Co., (r)(M)Makita USA Inc.(b)(7)(D)Porter Cable Corp.,

Name _____ Date _____ Class _____

Machine Safety Performance Record

Arnold & Brown/(r)Jet Equipment & Tools Inc., (b)Milwaukee Electric Tool Corp., (b)Porter Cable Corp.



JOINTER
DEMO _____ PROFICIENCY _____



DRILL PRESS
DEMO _____ PROFICIENCY _____

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DRILL
DEMO _____ PROFICIENCY _____



ROUTER
DEMO _____ PROFICIENCY _____

Name _____ Date _____ Class _____

Machine Safety Performance Record



BAND SAW

DEMO _____ PROFICIENCY _____



MITER SAW

DEMO _____ PROFICIENCY _____



SCROLL SAW

DEMO _____ PROFICIENCY _____



RECIPROCATING SAW

DEMO _____ PROFICIENCY _____



JIGSAW

DEMO _____ PROFICIENCY _____

Name _____ Date _____ Class _____

Machine Safety Performance Record



BELT SANDER
DEMO _____ PROFICIENCY _____



ORBITAL SANDER
DEMO _____ PROFICIENCY _____



BELT/DISC SANDER
DEMO _____ PROFICIENCY _____

Name _____ Date _____ Class _____

Machine Safety Performance Record

RADIAL ARM SAW

DEMO ____ PROFICIENCY ____

PLANER/SURFACER

DEMO ____ PROFICIENCY ____

CIRCULAR SAW

DEMO ____ PROFICIENCY ____

TABLE SAW

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JOINTER

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ROUTER

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BAND SAW

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MITER SAW

DEMO ____ PROFICIENCY ____

RECIPROCATING SAW

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JIGSAW

DEMO ____ PROFICIENCY ____

BELT SANDER

DEMO ____ PROFICIENCY ____

ORBITAL SANDER

DEMO ____ PROFICIENCY ____

BELT/DISC SANDER

DEMO ____ PROFICIENCY ____