

7th GRADE GENERAL SAFETY TEST

****DO NOT MARK ON TEST****

MULTIPLE CHOICE—Choose the correct answer.

1. Before making any adjustments on all the power equipment, the machine should be:
 - A. stopped completely
 - B. running smoothly
 - C. turned off
 - D. turned on

2. If you have an accident:
 - A. report it to the instructor after class is over
 - B. report it to the instructor immediately
 - C. don't tell anyone, you'll get in trouble
 - D. you don't have to report it if it was minor

3. Eye protection should be worn:
 - A. only when you are using a power tool
 - B. only when you sense danger
 - C. at all times while in the shop
 - D. only when you are standing near power equipment

4. Upon passing the safety test:
 - A. it is okay to use any of the equipment
 - B. you no longer have to be concerned about safety
 - C. you may use the equipment after you receive permission from the instructor and have your safety glasses on
 - D. you may use any of the equipment as long as someone is helping you

5. Horseplay in the shop is forbidden, name three things that would be considered horseplay:
 1. _____
 2. _____
 3. _____

TRUE OR FALSE—Read each statement completely, then decide if it is true or false.

6. Oily finishing rags may be stored in your lockers.
7. You need to clean up only at the end of class.
8. Never touch or talk to someone while they are using a power tool.
9. You may set a portable tool down as soon as you turn it off.
10. Long hair and loose clothing need to be secured and out of the way before using the power tools.

DRILL PRESS SAFETY TEST

****DO NOT MARK ON TEST****

MULTIPLE CHOICE—Choose the correct answer.

1. Touching a revolving spindle, chuck, or drill bit is:
 - A. a good way to slow down the drill
 - B. permitted if the drill is turning at a slow speed
 - C. very dangerous and should never be done
 - D. permitted after turning the machine off

2. Wooden chips should be removed from the drill press table with:
 - A. a glove
 - B. your hand, if you are careful
 - C. compressed air
 - D. a brush

3. When the drill bit begins to break through your wood, you should:
 - A. ease up on the feed pressure
 - B. maintain the same feed pressure
 - C. apply more feed pressure
 - D. stop the drill

4. If the drill catches a piece of wood, causing it to revolve you should:
 - A. run away, take cover and get your instructor
 - B. turn the drill press off ,if safe to do so, and wait for it to come to a complete stop before removing the wood
 - C. grab the wood with your hand to stop it from turning
 - D. leave it alone and it will eventually spin off

5. What might happen if you leave the chuck key in the chuck, then turn on the drill press? _____

TRUE OR FALSE—Read each statement completely, then decide if it is true or false.

6. Always use a backing board when drilling holes on the drill press.
7. The speed you drill is not important because the drill press is a safe machine.
8. Use the drill press vice or a clamp to hold your wood whenever possible.
9. Sharp bits cut more accurately, reduce tear out, and require less drilling pressure.
10. Long hair and loose clothing is not a problem when using the drill press.

PORTABLE & MACHINE SANDERS SAFETY TEST

****DO NOT MARK ON TEST****

MULTIPLE CHOICE—Choose the correct answer.

1. When using the machine sanders, the board must be large enough:
 - A. so that it doesn't slip between the abrasive paper and the table
 - B. so that it doesn't tear the abrasive paper
 - C. so that you can bevel the edges
 - D. so that you can sand on the up stroke

2. Before you plug in the portable belt sander:
 - A. check to see if the belt is torn
 - B. check to see if the switch is locked "on".
 - C. lay the sander on its side
 - D. all of the above

3. How much pressure is needed to sand properly?
 - A. you must press down very hard
 - B. only light pressure is needed
 - C. It depends on the coarseness of the sanding belt
 - D. only enough pressure to cause a slight cloud of sawdust

4. When using the disc sanders you must sand on the _____ stroke.
 - A. up
 - B. any
 - C. down
 - D. side

5. Why must you keep your wood moving evenly and steadily over the abrasive belt or disc?

TRUE OR FALSE—Read each statement completely, then decide if it is true or false.

6. Sanding on the up stroke of a disc sander is okay.

7. When selecting sand paper start with a low grit number and work up to a higher grit number.

8. You do not need to hold boards securely, because the sander will not grab the wood.

9. Arrange the electric cords to avoid running them over with the sander.

10. It is not necessary to wait for a portable belt sander to come to a complete stop before placing it on the work table.

SCROLL SAW SAFETY TEST

****DO NOT MARK ON TEST****

MULTIPLE CHOICE—Choose the correct answer.

1. Make all adjustments:
 - A. with the power off and the machine completely stopped
 - B. any time if you are careful
 - C. while the machine is running
 - D. none of the above

2. If you force the wood into the blade:
 - A. it may break the blade
 - B. it will cut better
 - C. it will cut faster
 - D. it will reduce your sanding time

3. To keep you fingers safe:
 - A. avoid cutting curves
 - B. cut slowly
 - C. keep your fingers out of direct line of the blade
 - D. make sure the blade is tight

TRUE OR FALSE—Read each statement completely, then decide if it is true or false.

4. When waiting to use the scroll saw you don't have to wear safety glasses.
5. The band saw can cut tighter curves than the scroll saw.
6. You must hold boards securely against the saw table.
7. Set the speed dial at the fastest setting.
8. The hold down foot should apply light pressure to the board.
9. The scroll saw cuts smoother than the band saw.
10. The scroll saw cuts faster than the band saw.

COMPRESSED AIR SAFETY TEST

****DO NOT MARK ON TEST****

MULTIPLE CHOICE—Choose the correct answer.

1. In this class you may ONLY use the compressed air to blow off?
 - A. work benches
 - B. equipment and tools
 - C. your clothing
 - D. bare skin, faces or hair

2. Compressed air can run the following tools:
 - A. nailers
 - B. staplers
 - C. drills
 - D. all of the above

3. What damage may be caused if a blow gun is used near the eyes or ears? _____

4. What happens to the saw dust, when a blow gun is used to spray off equipment? _____

TRUE OR FALSE—Read each statement completely, then decide if it is true or false.

5. You may give someone a quick blast with the blow gun just for fun.