

**STUDY GUIDE
SCROLL SAW SAFETY**

NAME: _____

CLASS OR PERIOD: _____

DATE OF INSTRUCTION: _____

1. Check the condition of the blade in the saw. The blade has to be sharp and in good condition.
2. Be sure the blade is the right type for the work you want to do.
3. Check to be sure the blade is installed correctly. The teeth should point downward.
4. Test the blade tension to see that it is adjusted correctly.
5. Unplug the saw or disconnect it at the circuit breaker panel when you change the blade.
6. Set the saw for the right speed. The cutting speed will depend on the type of blade you use and the type of material you're going to cut.
7. Before you switch on the saw, turn the pulley by hand so the blade goes through at least one complete stroke. Make sure the blade clears the table insert.
8. Adjust the hold-down spring on the pressure foot. Adjust the tension so the material is held flush against the table, but so it can still be moved freely under the pressure foot.
9. Keep your fingers away from the area in front of the blade. Keep your fingers, hands and arms at least two inches from the blade.
10. Don't force the cut. Twisting the blade or putting too much pressure on it will break it.
11. If you have to back out of a cut, hold the material firmly with one hand while you turn off the saw. When it is completely stopped, pull the material gently past the blade. Don't twist it or force it.
12. The scroll saw is smaller than some of the other power tools, and it looks simple to operate. Don't be misled by this. Using the scroll saw improperly or carelessly can cause an accident and injury. Be careful.

TEST

SCROLL SAW SAFETY

NAME: _____
 CLASS OR PERIOD: _____
 DATE: _____ SCORE: _____

ALWAYS WEAR EYE PROTECTION

1. Be sure the blade in the scroll saw is _____ and in good condition.
2. Use the right _____ of blade for the work.
3. When the blade is installed correctly, the teeth are pointing _____.
4. The blade _____ must be properly adjusted.
5. Always _____ the scroll saw before you change the blade.
6. The _____ of the saw should be set for the type of blade to be used and for the type of material to be cut.
7. Turn the pulley by hand through one complete stroke to make sure the blade _____ the table insert.
8. Adjust the spring tension on the _____ so the material is held flush against the table.
9. Always keep your hands and fingers away from the area directly in _____ of the blade.
10. Twisting the blade or forcing the cut will _____ the blade.
11. The saw should be completely _____ before you back out of a cut.
12. Incorrect, improper use of the scroll saw can cause an _____ . Be careful.

COMPLETE EACH STATEMENT WITH THE CORRECT LETTER OR WORDS IN THIS COLUMN

- A. CLEARS
- B. BREAK
- C. INJURY
- D. SHARP
- E. DOWNWARD
- F. STOPPED
- G. FRONT
- H. DISCONNECT
- I. TYPE
- J. PRESSURE FOOT
- K. SPEED
- L. TENSION

GET PERMISSION