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NAME: _____

DATE: _____

SUB./SECT.: _____

ASSIGNMENT: _____

SAFETY RULES

- **Always** ask for permission from your instructor before using the scroll saw.
- **Always** wear safety glasses when operating the scroll saw.
- **Always** remove jewelry, eliminate loose clothing and tie back long hair before operating the scroll saw.
- **Always** check the set-up and adjustment before turning on the scroll saw:
 - blade tension
 - teeth on blade pointing down
 - hold down (presser foot) should be lightly touching the work piece
- **Never** make any adjustments while the scroll saw is running.
- **Never** talk to anyone while operating the saw or to anyone who is operating the saw.
- **Never** allow another student inside the safety zone.
- **Always** keep hands and fingers on either side of the cut line.
- **Never** place hands and fingers in line with the blade.
- **Immediately** turn off the machine if the blade breaks or if any strange noise is heard.
- **Immediately** inform the teacher of any broken blades or damaged equipment.
- **Never** force a cut or twist the blade.
- **Never** clear away scraps while the blade is moving.

OPERATING INSTRUCTIONS

1. All students must pass the safety quiz with a 100% before using the scroll saw.
2. Ask for permission to use the scroll saw.
3. Remove loose clothing and jewelry, tie back long hair and roll up long sleeves.
4. Make sure the appropriate blade is installed (a narrow blade for tight curves).
5. Check the blade tension by plucking the blade like a guitar string (it should feel tight).
6. Adjust the hold down foot so it lightly touches your work piece.
7. Make sure no other students are in your safety zone.
8. Adjust the machine speed (not required for our machines)
9. Use moderate pressure to hold the work piece flat against the table to prevent it from bouncing.
10. Slowly cut just outside of your cut line.
11. Allow the saw and blade to do the work. **DO NOT FORCE THE CUT!**
12. When finished, turn off the saw and unplug it.
13. Clear away all scraps **AFTER** the saw blade has come to a complete stop.

SAFETY QUIZ

You must answer all of the questions correctly, or you will have to re-take the quiz before you will be allowed to operate the scroll saw.

PART I – Indicate whether the statements below are **true** or **false**. Responses written as “T” or “F” will not be accepted.

1. _____ You must ask for permission before using the scroll saw.
2. _____ It is unsafe to make adjustments to the scroll saw while it's running.
3. _____ It is safe to operate the scroll saw without safety glasses.
4. _____ It is unsafe to place your hands and/or fingers in the cut line.
5. _____ It is safe to allow another student inside your safety zone.
6. _____ If the blade breaks, turn off the machine and notify the instructor.
7. _____ Always remove jewelry and loose clothing before using the scroll saw.
8. _____ It is safe to force your cut into the blade of the scroll saw.
9. _____ It is unsafe to talk to someone while using the scroll saw.
10. _____ It is safe to allow the work piece to bounce on the table while cutting.

PART II – Select the response that best completes the statement.

11. The hold down foot should be _____ the work.
 - a. jammed against
 - b. slightly above
 - c. lightly touching

SAFETY QUIZ

You must answer all of the questions correctly, or you will have to re-take the quiz before you will be allowed to operate the scroll saw.

PART I – Indicate whether the statements below are **true** or **false**. Responses written as “T” or “F” will not be accepted.

1. TRUE You must ask for permission before using the scroll saw.
2. TRUE It is unsafe to make adjustments to the scroll saw while it's running.
3. FALSE It is safe to operate the scroll saw without safety glasses.
4. TRUE It is unsafe to place your hands and/or fingers in the cut line.
5. FALSE It is safe to allow another student inside your safety zone.
6. TRUE If the blade breaks, turn off the machine and notify the instructor.
7. TRUE Always remove jewelry and loose clothing before using the scroll saw.
8. FALSE It is safe to force your cut into the blade of the scroll saw.
9. TRUE It is unsafe to talk to someone while using the scroll saw.
10. FALSE It is safe to allow the work piece to bounce on the table while cutting.

PART II – Select the response that best completes the statement.

11. The hold down foot should be _____ the work.
- a. jammed against
 - b. slightly above
 - c. **lightly touching**