

# WELDING

*Sonoma County 4-H*

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Guidelines for Project Proficiency Award

### Beginner:

<u>Date</u>	<u>Leader's</u>
<u>Completed</u>	<u>Initials</u>

1. Complete safety test, missing no more than 8. Then correct the wrong ones and write them on the back of the paper. \_\_\_\_\_
2. Turn on oxyacetylene torch and adjust. \_\_\_\_\_
3. What is proper procedure for hooking up tanks? \_\_\_\_\_
4. Cut out material for welding. \_\_\_\_\_
5. Explain the proper clothing for a welding student. \_\_\_\_\_
6. Explain the different tips for cutting different metals. \_\_\_\_\_
7. Make cuts on steel, aluminum, and mild-steel. \_\_\_\_\_
8. Strike and maintain an arc, and pad a plate. \_\_\_\_\_
9. Explain the name file-weld. \_\_\_\_\_
10. What are some factors in making a good weld? \_\_\_\_\_
11. Name 5 weld joints.
  - a) \_\_\_\_\_
  - b) \_\_\_\_\_
  - c) \_\_\_\_\_
  - d) \_\_\_\_\_
  - e) \_\_\_\_\_

Project Leader's Signature of Completion: \_\_\_\_\_

Date: \_\_\_\_\_

Club Leader's Signature of Completion: \_\_\_\_\_

Date: \_\_\_\_\_