

## **573 ARCS and SPARKS**

### **Project Description**

This multiple-year project is ideal for the beginning welder who is 12 years old or older. You start this project by learning the equipment you will use, the safety rules and the role of electrodes in welding. Now you are ready to learn the basics of running a bead. Once you've mastered that, make at least 2 of the weldments (items) in your project book. Members taking this project will need access to a welder.

### **To Complete the Project**

Use your project book as a guide to do the following:

1. Complete the Planning Section of the project book.
2. Explore the recommended number of Interest Areas for your year in the project. Complete the recommended number of Building Skills and Developing Knowledge questions in each Interest Area.
3. Take part in at least 2 learning experiences. Take part in at least 2 citizenship/leadership activities.
4. Build at least 2 weldments/items using the instructions in your project book
5. Write a one page report telling what you've done and learned through this project.
6. If you are repeating this book, follow guideline 8 on page 3.

Take part in a project review. If you choose not to participate in judging at the fair, make arrangements to discuss and review completion of your project with your advisor.

### **Judging of this Project**

This project will be judged as part of Special Interest Judging;

at the Union County Fair on Wednesday – Friday immediately prior to the start of the fair  
OR  
at the Richwood Fair on Sunday immediately prior to the start of the fair

You advisor will tell you a more specific judging time later in the summer. At the specific judging time assigned to you, **bring your completed project book and your 2 welding projects.** You will participate in an interview judging and then leave your exhibit (a display of your project) on display the entire week of the fair.

### **Project Display**

Prepare a display that shows the judge and fair visitors what you learned and accomplished in your project. **Your display will be the 2 items you have made.** You may need to walk a distance from your parked vehicle to judging, plan accordingly. You may choose to bring additional items to show the judge your project work that you do not leave on display. This is acceptable. You must however, leave something on display the entire week. **Your project book cannot serve as your project display.** Plan your display item carefully: fragile, valuable, or items that will be damaged by dust are not a good idea.

### **Display Areas**

At the Union County Fair Special Interest Projects will be displayed in the Armory. At the Richwood Fair these projects will be displayed in the Jr. Fair Building.

### **Project Pick-Up**

You must pick up your project display at the end of the fair, or arrange for someone to get it for you. At Union County Fair, Special Interest Projects will be released on Saturday of the fair from 4 p.m. - 5 p.m. Projects not picked up by 5 p.m. will be disposed of or donated to charities.

At the Richwood Fair, all Special Interest Projects will be released at 3 p.m. on Monday of the fair and should be removed by 9 p.m.

### **Award Presentation**

Union County Fair Special Interest Project Awards will be presented at the Jr. Fair Awards Program on Tuesday of the fair at the Armory.

Richwood Fair Special Interest Project Awards will be presented at the Jr. Fair Awards Program during the fair. Check the fair paper for the day, time, and location of this program.

### **Ohio State Fair Opportunity**

This project **Does** have the opportunity to be displayed at The Ohio State Fair. Any 4-H'er who wishes to compete for an opportunity to display this project at The Ohio State Fair must participate in judging at the Union County Fair, as described above. Union County representatives to The Ohio State Fair will be chosen as part of Union County Fair judging. Display should be the one used at their county fair.