

550 - Young Engineers In Solar Energy

Project Description: This intermediate level project is for members with some experience in science, technology, engineering and math topics. You are going to learn more about how scientists and engineers study light and the Sun's energy, even gathering your own data with equipment you make.

To Complete the Project:

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

1. Complete all 9 activities in the project book.
2. Complete all the Talking It Over questions in the project book.
3. The More Challenges activities are optional.
4. Complete at least 2 citizenship activities.
5. Take part in at least 2 learning experiences.
6. Complete the project review.
- 7.

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 Co. 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

Your 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 project display. 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. An appropriate display for this project would be a poster or any method of showing what you have done. **If you choose to make a poster, it must be regular poster board (maximum 22 x 28), not foam board or tri-folds. Your project book cannot serve as your project display.** 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. 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-Her's 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.