



Enroll in ZSuite Under this Project Name: TECS-ELECTRICITY-Lv 2: Investigating Electricity

Approved for 2024-25 Project Year

Project Description: Youth build circuits and test voltages, build a rocket launcher, and build a burglar alarm as they practice decision-making and communication. This curriculum is designed for youth who have already completed the Magic of Electricity project.

REQUIRED YOUTH CURRICULUM

[Electric 2: Investigating Electricity](#) (#06849), 2002

[ZSuite 4-H Involvement Report](#)

[ZSuite 4-H Project Record Book](#)

REQUIRED VOLUNTEER CLUB LEADER CURRICULUM

[Electric Group Helpers Guide](#) (#06852), 2002

SUPPLEMENTAL RESOURCES

none



PROJECT COMPLETION CHECKLIST

STATE REQUIREMENTS	
	Complete at least 3 required activities and 4 optional activities from your
	Investigating Electricity project manual each year.
	Complete at least 21 total required and optional activities in three years or less to complete this achievement program.
	Participation in at least two Leadership experiences a year.
	Complete the 4-H Project Record Book for this project in your ZSuite Member Account
	Fill out your 4-H Involvement Report in your ZSuite Member Account
	Give an oral presentation (speech, demonstration, or illustrated talk) to your 4-H peers on a topic related to this project. Recommended guidelines for length of oral presentations are: <ul style="list-style-type: none"> • Junior: 5-8 minutes • Intermediate: 8-10 minutes • Senior: 10-12 minutes

ADDITIONAL LOCAL REQUIREMENTS	

FAIR EXHIBIT CHECKLIST	
	Completed Idaho 4-H Involvement Report (ZSuite)
	Completed Idaho 4-H Project Record Book for this project (ZSuite)
	Member Guide (this is a 3 year project make a delineation of what items are completed each year)
	ONE of the following exhibit options: <ul style="list-style-type: none"> • A poster (14"x22") or display illustrating something you learned in this project this year. • A scrapbook of pictures of a Leadership activity or circuits made or being tested. • One of the following items (each year it should be a different item): <ul style="list-style-type: none"> ○ Homemade Flashlight ○ Simple Switch ○ Circuit with two batteries and one light bulb ○ Compass ○ Electromagnet ○ Galvanometer ○ Electric Motor
	Note: Exhibits must utilize only skills, tools, and techniques taught in this project book.

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