



Enroll in ZSuite Under this Project Name: TECS-JUNK DRAWER ROBOTICS

Approved for 2023-24 Project Year

Project Description: Start with a bunch of “junk” like clothespins, paper clips, cardboard, wood scraps, popsicle sticks and nuts and bolts. Add your imagination and some elbow grease and have fun creating your own mechanical masterpieces!

REQUIRED YOUTH CURRICULUM

[Junk Drawer Robotics: Youth Robotics Notebook \(#08435\)](#), 2011

[ZSuite 4-H Involvement Report](#)

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

REQUIRED VOLUNTEER CLUB LEADER CURRICULUM

[Junk Drawer Robotics Level 1: Give Robots a Hand \(#08431\)](#), 2011

[Junk Drawer Robotics Level 2: Robots on the Move \(#08432\)](#), 2011

[Junk Drawer Robotics Level 3: Mechatronics \(#08433\)](#), 2011

SUPPLEMENTAL RESOURCES

none



PROJECT COMPLETION CHECKLIST

STATE REQUIREMENTS	
	In your Youth Robotics Notebook, complete the all the modules for each respective year <ul style="list-style-type: none"> • Year 1 = Level 1, Modules 1-3 • Year 2 = Level 2, Modules 1-4 • Year 3 = Level 3 Modules 1-5
	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)
	Youth Robotics Notebook
	One or more youth-designed and built junk drawer robots

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