



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

The University of Idaho has a policy of nondiscrimination on the basis of race, color, religion, national origin, sex, age, sexual orientation, gender identity/expression, disability, or status as a Vietnam-era veteran. This policy applies to all programs, services, and facilities and includes, but is not limited to, applications, admissions, access to programs and services, and employment. State 4-H scholarships for education or events are available to all 4-H participants. [Persons with disabilities who wish to request reasonable accommodation may do so by filling out an online form here, or by requesting the accommodation form from their local Extension 4-H office.](#)



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

The University of Idaho has a policy of nondiscrimination on the basis of race, color, religion, national origin, sex, age, sexual orientation, gender identity/expression, disability, or status as a Vietnam-era veteran. This policy applies to all programs, services, and facilities and includes, but is not limited to, applications, admissions, access to programs and services, and employment. State 4-H scholarships for education or events are available to all 4-H participants. [Persons with disabilities who wish to request reasonable accommodation may do so by filling out an online form here, or by requesting the accommodation form from their local Extension 4-H office.](#)