



**Enroll in ZSuite Under this Project Name:** TECS-ROBOTICS TOURNAMENT TRACK-Lv 1: FIRST LEGO League Challenge

*Approved for 2024-25 Project Year*

**Project Description:** Work in teams of 2-10 youth to solve real-world problems and build LEGO-based robots to complete timed missions in FIRST LEGO League Challenge!  
Please note: This project requires additional FIRST program fees not covered under 4-H Enrollment. Visit <http://www.firstinspires.org> for details.

#### REQUIRED YOUTH CURRICULUM

LEGO Mindstorms EV3 or SPIKE Prime kit

Computer with appropriate app to program your robot.

FIRST LEGO League Challenge Field Kit (new every year)

#### REQUIRED VOLUNTEER CLUB LEADER CURRICULUM

You will need to register your team with FIRST to purchase your Team Registration, Challenge Field Kit, and access the Team Dashboard, which includes additional materials for each year's challenge.

After registering your team, you will be contacted by the local FIRST Program Delivery Organization with more information regarding tournament dates, fees, requirements, etc.

#### SUPPLEMENTAL RESOURCES

[FIRST Idaho Robotics website](https://firstidahorobotics.org) (<https://firstidahorobotics.org>)



## PROJECT COMPLETION CHECKLIST

STATE REQUIREMENTS	
	Attend majority of club/project meetings
	Complete your FLL Project: 1) identify problem; 2) create innovative solution; 3) share research and solution; 4) present at a tournament
	Share your project research and solution with a community group
	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

ADDITIONAL LOCAL REQUIREMENTS	

FAIR EXHIBIT CHECKLIST	
	Completed Idaho 4-H Involvement Report (ZSuite)
	Completed Idaho 4-H Project Record Book for this project (ZSuite)
	Participate in at least one official FIRST LEGO League Challenge competition during the program year (contact FIRST Idaho Robotics for event details)
	You have the option to exhibit an Innovation Project Summary and/or Robot Design Executive Summary at the fair. Please contact your local extension office for information on allowable display sizes.

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