

Tech, Engineering & Computer Science Robotics Tournament Track

Lv 2 - FIRST Tech Challenge

Enroll in ZSuite Under this Project Name: TECS-ROBOTICS TOURNAMENT TRACK-Lv 2: FIRST Tech

Challenge

Approved for 2024-25 Project Year

Project Description: FIRST Tech Challenge teams design, build, and program robots to compete in an

alliance format against other teams. Teams also complete community outreach projects throughout the season, keep an engineering notebook, and present their work

in an interview format at the competition.

REQUIRED YOUTH CURRICULUM

FIRST Tech Challenge Kit of Parts

First Tech Challenge Field Elements (new every year—see below)

FTC Game Manuals 1 and 2

REQUIRED VOLUNTEER CLUB LEADER CURRICULUM

You will need to register your team with FIRST to purchase your annual Team Registration, order Challenge Field Elements, 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)

AndyMark (FTC Field Elements supplier) (www.andymark.com)

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PROJECT COMPLETION CHECKLIST

STATE REQUIREMENTS		
	Attend majority of club/project meetings.	
	Complete community outreach projects (see FTC Game Manuals for current year)	
	Complete your Engineering Portfolio (see FTC Game Manuals for current year)	

ADDITIONAL LOCAL REQUIREMENTS	
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FAIR EXHIBIT CHECKLIST Your team may wish to exhibit their Engineering Portfolio, demonstrate their robot, and/or create a

display based on your accomplishments over the project year to exhibit at the fair or other 4-H events. Please contact your local 4-H office for more information regarding these opportunities.