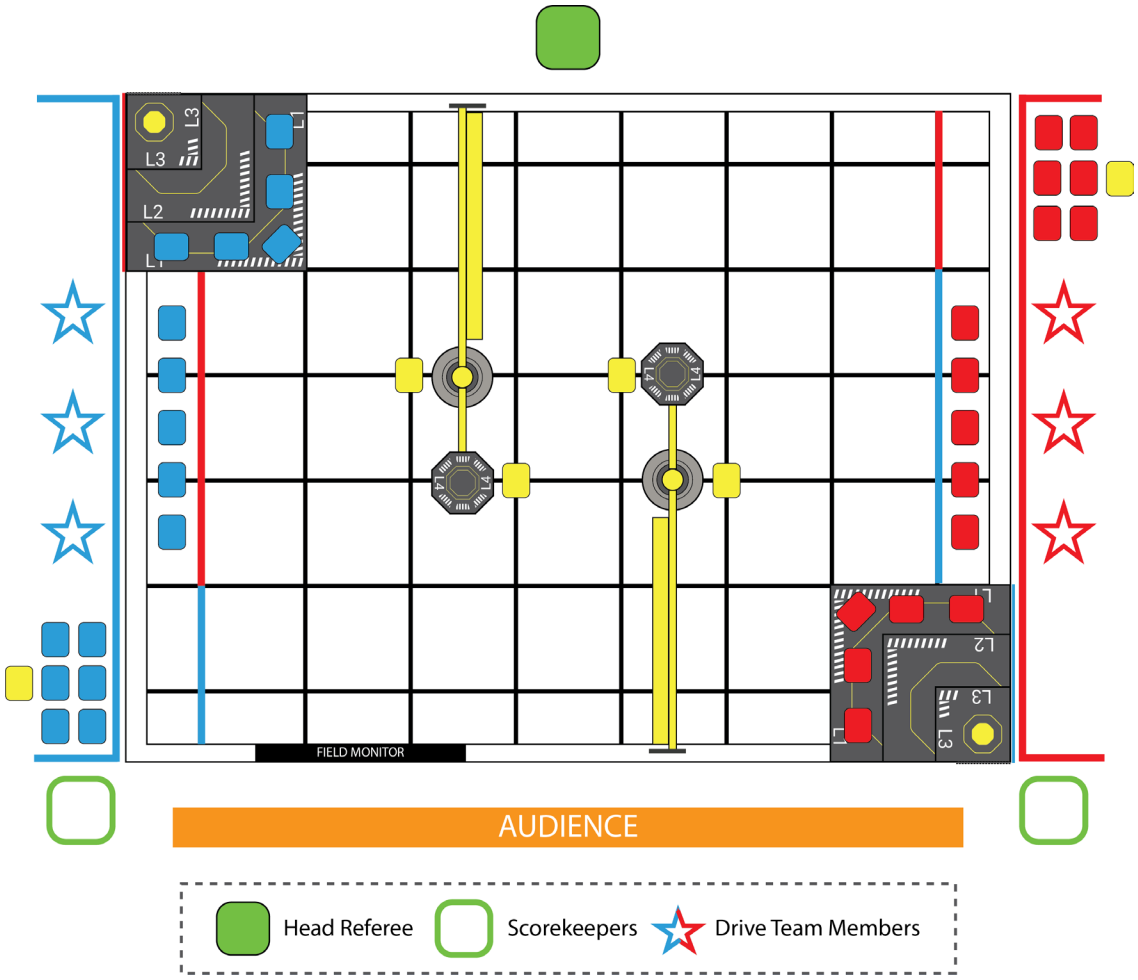
RECF ENGAGE
ROBOTICS COMPETITION
TIER TAKEOVER

2026-2027
QUICK GUIDE



THE GAME

The 2026-27 **RECF Engage Robotics Competition** game, Tier Takeover, is played on a 6’ x 8’ rectangular field configured as seen above. In Tier Takeover alliance matches, teams have 60 seconds to score as many points as possible. Each alliance match includes two teams, who work together to earn a shared score for the match.

Teams also compete in solo matches, where one robot takes the field to score as many points as possible. These matches consist of solo driving matches, where student drive teams have 60 seconds to score as many points as possible while operating their robot with a remote controller, and solo coding matches, in which the robot operates using pre-written code created by the student team members.

THE DETAILS

In Tier Takeover, elementary school (U12) or middle school (U15) teams design robots to navigate the 6’x8’ field to collect bean bags and place them in and on matching goals to score points. Robots can push, lift, rotate, stack, toss, or plow bean bags, but must follow the rules of each specific match type.

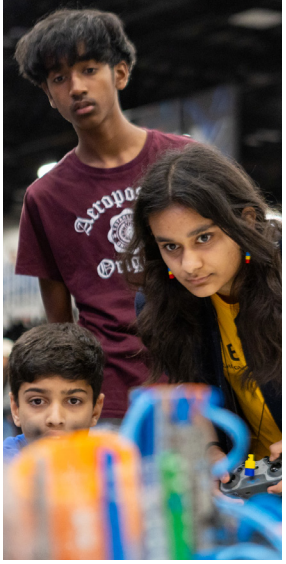
©2026 Robotics Education & Competition Foundation. All rights reserved.
All trademarks are the property of their respective owners.

Robotics Education & Competition Foundation
111 Taylor Plaza Dr., Greenville, Texas 75402 • recf.org • recfevents.com • 903.401.8088

RECF ENGAGE
ROBOTICS COMPETITION
TIER TAKEOVER

Scoring	Points
Floor goal	1 point per matching or yellow bean bag
L1 goal	5 points per matching or yellow bean bag
L2 goal	10 points per matching or yellow bean bag
L3 goal	25 points per matching or yellow bean bag
L4 goal	50 points per yellow bean bag
Parked robot	25 points per robot

See the game manual for more details.









The Robotics Education & Competition Foundation (RECF) sparks interest in science, technology, engineering, and math by engaging students in hands-on, sustainable, and affordable curriculum-based robotics programs.

DOWNLOADS + LINKS

GAME MANUAL



RECF ENGAGE
ROBOTICS COMPETITION
TIER TAKEOVER

COMING SOON

- App-based Game Manual
- RECF Engage: Tier Takeover Q&A
- Quick Reference Guides
- Training Courses
- Robot Inspection Checklist and Parts References

903.401.8088
support@recf.org

RECF

111 Taylor Plaza Dr.,
Greenville, Texas 75402