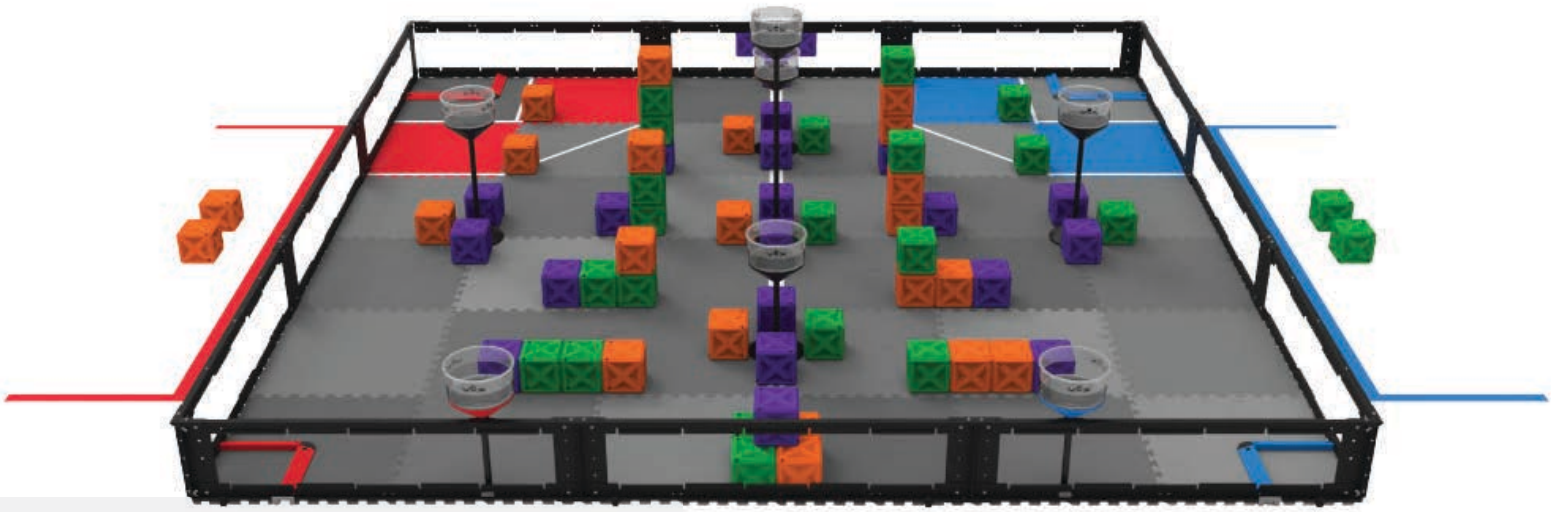
GAME DESCRIPTION
AND SCORING

VEX ROBOTICS COMPETITION
TOWER TAKEOVER



GAME

Played on a 12'x12' square field configured as seen above. Two (2) Alliances – one (1) "red" and one (1) "blue" – composed of two (2) Teams each, compete in Matches consisting of fifteen (15) second Autonomous Period, followed by one minute and forty–five second (1:45) Driver Controlled Period.

The object of the game is to attain a higher score than the opposing Alliance by Placing Cubes in Towers and Scoring Cubes in Goal Zones.

22 x 

22 x 

22 x 

DETAILS

There are sixty-six (66) *Cubes*; twenty-two (22) of each color (orange, green, and purple). There are seven (7) *Towers* around the field; five (5) of these can be used by either Alliance, and two (2) are Alliance-specific. Cubes are Scored into four (4) *Goal Zones* (two per Alliance), in the corners of the field.

Each Cube scored in a *Goal Zone* is worth a base of one (1) point. For each Cube of a given color that is Placed into a Tower, the point value for *Cubes* of that color increases by one (1) point.

For example, if there are three (3) green Cubes Placed in Towers at the end of the Match, then all green *Cubes* Scored in *Goal Zones* are worth four (4) points.

The Alliance that scores more points in *Autonomous Period* receives bonus points, as well as receiving 2 purple Cubes, which may be introduced at any time during the *Driver Control* period.

REC Foundation

VEX ROBOTICS COMPETITION

The VEX Robotics Competition, presented by the Robotics Education & Competition Foundation, is the world's largest & fastest-growing middle and high school robotics competition. Each year, an engineering challenge is presented in the form of a game. Students, with guidance from their teachers and mentors, build innovative robots and compete year-round in a variety of matches.

How to get involved

1. Register as a VEX Robotics Competition team at **RobotEvents.com**
- **$150** for the first team
- **$100** for additional teams
- Registration includes a welcome kit that contains practice game elements and materials to help you get started.

2. Competition information about this year's challenge is available online at **RoboticsEducation.org**

3. Design & build your competition robot. Robot kits are available at **vexedr.com**

4. Register for an event and play the game! A full list of events and team registration is located at **RobotEvents.com**

1 MILLION STUDENTS

REACHED WORLDWIDE THROUGH ALL VEX ROBOTICS PROGRAMS, CLASSROOMS, AND COMPETITIONS

The VEX Robotics World Championship is recognized as the largest robot competition by Guinness World Records. Once a year, 1,650 of the top teams come together to celebrate their achievements in STEM and compete with the best in the world.