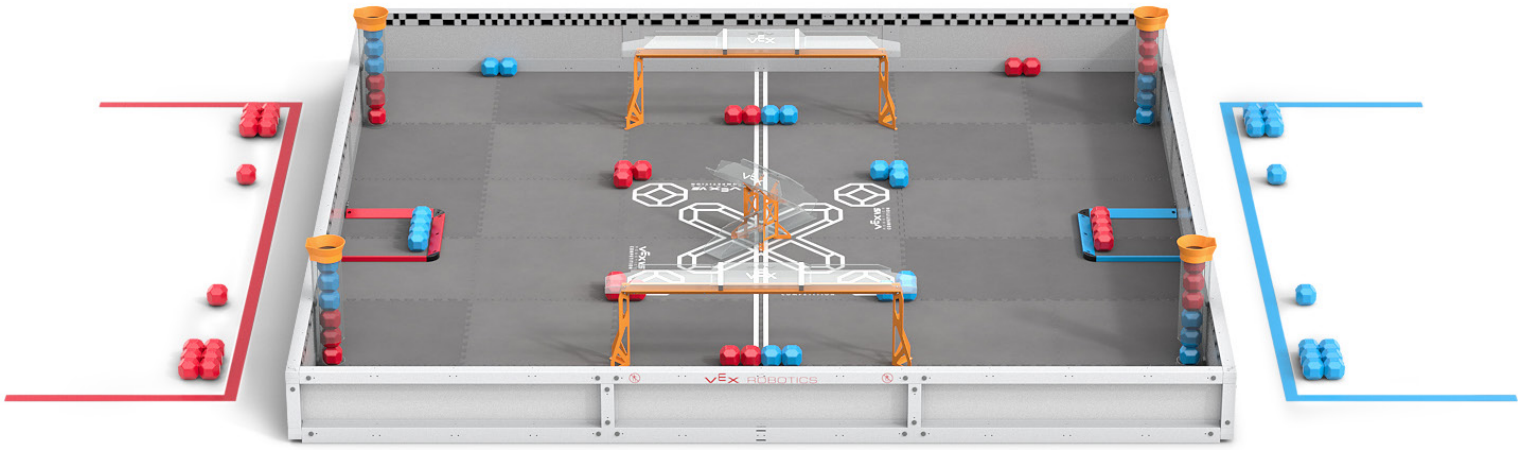
REC FOUNDATION

VEX V5 ROBOTICS COMPETITION PUSH BACK

**2025-2026 V5RC GAME**



## The Game:

VEX V5 Robotics Competition Push Back is played on a 12’ x 12’ 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 a fifteen (15) second Autonomous Period, followed by a one minute and 45-second (1:45) Driver-Controlled Period.

The object of the game is to attain a higher score than the opposing Alliance by Scoring **Blocks** in **Goals**, **Controlling Zones** within Goals, and **Parking** in defined zones at the end of the Match.

## The Details:

There are eighty-eight (88) **Blocks** on a V5RC Push Back Field.

There are four (4) **Goals** located around the field. Two (2) **Long Goals**, and two (2) **Center Goals**. There are also two (2) **Park Zones**, one (1) per Alliance.

Each Block scored in a Goal is worth three (3) points. Alliances receive points for **Controlling Zones** in Goals.

Alliances can receive additional points for **Parking** robots at the end of a Match.

The Alliance that scores more points in the Autonomous period is awarded ten (10) bonus points, added to the final score at the end of the match. Each Alliance also has the opportunity to earn an **Autonomous Win Point** by completing assigned tasks. This additional Win Point can be earned by both Alliances, regardless of who wins the Autonomous Bonus.



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# 2025-2026 V5RC GAME

## Scoring

| | |
|---|---|
| Autonomous Bonus | 10 points |
| Each Block Scored | 3 points |
| Each Controlled Zone in a Long Goal | 10 points |
| Controlled Center Goal - Upper | 8 points |
| Controlled Center Goal - Lower | 6 points |
| 1 Parked Alliance Robot | 8 points |
| 2 Parked Alliance Robots | 30 points |

**See the Game Manual** for more details.

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

## Online Game Resources

### STUDENTS

**Game Overview**
Learn all about Push Back (v5rc.recf.org)

**RECF Library & VEX Library**
Robot builds, coding, competition, and more (students.vex.com)

**VEX Forum**
Chat and collaborate with the VEX Robotics Community (vexforum.com)

**VEX via**
Follow the progress and results of the VEX Robotics competition season with match lists, match results, and more. Download from Google Play or the iOS App Store.

### COACHES

**RECF Library**
Learn more about being a mentor advocate for V5RC teams (coaches.vex.com)

**VEX PD+**
An on-demand streaming and learning platform, from in-classroom and competitive robotics experts (pd.vex.com)

**VEX Educators Conference**
Learn from the VEX Experts and connect with other educators as you explore best practices in STEM education (conference.vex.com)

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