

COMPETITION SEASON GAME DESCRIPTION AND SCORING

THE GAME

VEX Robotics Competition Spin Up is played on a 12'x12' (3.65m x 3.65m) 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 forty-five second (1:45) Driver Controlled Period.

The object of the game is to attain a higher score than the opposing Alliance by Scoring **Discs** in **Goals**, **Owning Rollers**, and **Covering** field tiles at the end of the Match.

SCORING

Each Disc Scored in a High Goal	5 Points
Each Disc Scored in a Low Goal	1 Point
Each Owned Roller	10 Point
Each Covered Field Tile	3 Points
Winner of the Autonomous Bonus	10 Points

THE DETAILS

There are sixty (60) **Discs** and four (4) **Rollers** on a VRC Spin Up Field. **Discs** can be Scored in the two **High Goals**, one per Alliance, at opposite corners of the field. Each Disc scored in a High Goal is worth 5 points. However, Robots aiming for the High Goal had better be accurate! Because underneath each High Goal, is a 1-point **Low Goal** for the opposing Alliance.

In addition to Discs, Robots can also spin the four Rollers mounted to the field perimeter. If the area inside of a Roller’s pointers only shows one color, that is considered “**Owned**” by that Alliance. Each Owned Roller is worth 10 points.

As the clock winds down, it’s time for the Endgame. At the end of the Match, Alliances will receive a 3 point bonus for each tile their Robots are **Covering**. So, during the last 10 seconds of the Match, there are no horizontal expansion limits.

The Alliance that scores more points in the Autonomous period is awarded with 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 scoring at least two Discs in Alliance’s High Goals, and owning Both Rollers on their side of the field. This Bonus can be earned by both Alliances, regardless of who wins the Autonomous Bonus.

SPIN UP

HOW TO GET STARTED



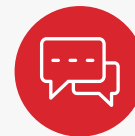
Register a team at:
robotevents.com/register/teams



Learn about the new game:
www.roboticseducation.org/vrc



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VEX ROBOTICS COMPETITION VIRTUAL SKILLS

The VEX Robotics Competition, presented by the Robotics Education & Competition Foundation, is the largest and fastest growing middle and high school robotics program globally. Each year, an exciting 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.

Plan, strategize, and code your robot with VEX Robotics Competition Virtual Skills lessons, available for registered teams via VEXcode V5. Take advantage of VEX Library articles, lessons, and teacher resources today!

