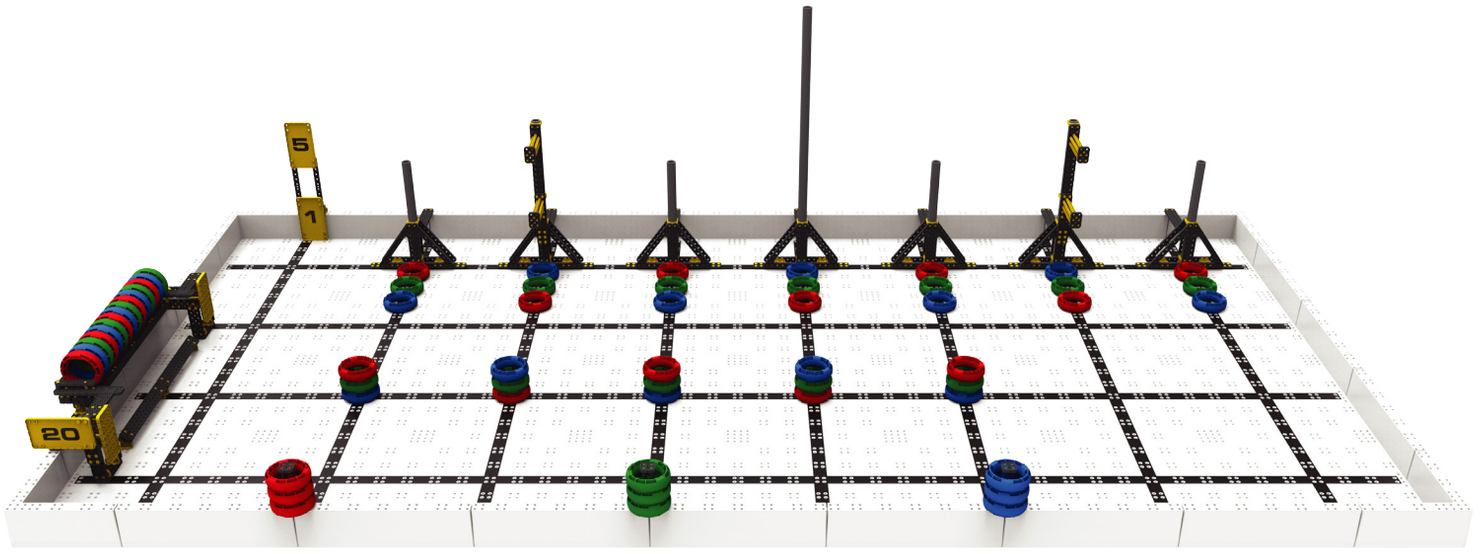
VEX IQ CHALLENGE RINGMASTER

REC Foundation

Game Description & Scoring



The Game:

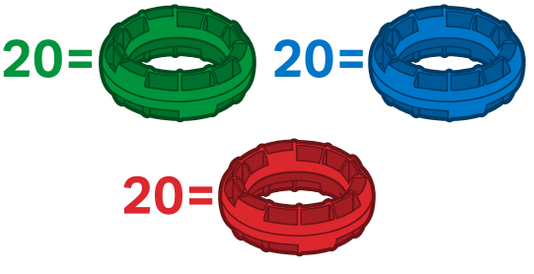
VEX IQ Challenge Ringmaster is played on a 4'x8' rectangular field. Two robots compete in the *Teamwork Challenge* as an alliance in 60-second long teamwork matches, working collaboratively to score points.

Teams also compete in two additional challenges; The *Robot Skills Challenge*, where one robot takes the field to score as many points as possible under driver control; and the *Programming Skills Challenge*, where one robot scores as many points as possible autonomously, without any driver inputs.

The object of the game is to attain the highest score by Scoring *Colored Rings* on the *Floor Goal and on Posts*, by having *Uniform Posts*, by *Emptying Starting Pegs*, and by *Releasing the Bonus Tray*.

The Details:

There are a total of sixty (60) *Rings* available as scoring objects in the game. There are seven (7) *Posts* to score on, one (1) *Floor Goal*, three (3) *Starting Pegs*, and one (1) *Bonus Tray* on the field.



Scoring:

Each Ring Scored in the Floor Goal	1 point
Each Ring Scored on a Post	5 points
Each Ring Scored on a Uniform Post	10 points
Each Emptied Starting Peg	5 points
Releasing the Bonus Tray	20 points

Use the QR code to see additional VIQC Ringmaster information!
RoboticsEducation.org

VEX IQ CHALLENGE

The VEX IQ Challenge, presented by the Robotics Education & Competition Foundation, provides students ages 8 through 14 with exciting, open-ended robotics challenges that enhance STEM skills through teamwork, critical thinking and hands-on learning.

How to get involved

1. Register as a VEX IQ Challenge team at **RobotEvents.com**

- **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 **vexiq.com**

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





1 MILLION STUDENTS

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The VEX Robotics World Championship is an annual gathering of the top robotics teams from around the world that come together to celebrate their accomplishments and compete with and against the best of the best!

Recognized by the Guinness Book of World Records as the World's Largest Robotics Competition, The VEX Robotics World Championship is a one-of-a-kind robotics experience for over 1400 teams from 30+ countries as they compete to become the next World Champions.

OFFICIAL GUINNESS WORLD RECORD
VEX ROBOTICS WORLD CHAMPIONSHIP