



# Signature Event Requirements 2020-2021 Season



## Overview

REC Foundation Signature Events give teams the opportunity to play at a tournament that is of the highest caliber and provides an experience above and beyond a standard tournament. Signature Events have the added bonus of qualifying teams directly to the VEX Robotics World Championships. These events rely on the dedication of Event Partners who provide these world class experiences for teams. Applications to host Signature Events are open to all experienced Event Partners and are evaluated based on the criteria below.

Once Event Partner's submit proposals to the REC Foundation to offer Signature Events the proposals are evaluated based on two overall aspects of the proposal:

1. Technical Level of Sophistication
  - a. Sufficient staffing to run matches on time
  - b. Sufficient number of practice fields, skills fields, and qualification matches
2. Overall Feel and Team Experience of the event
  - a. Quality of the venue
  - b. Extras such as a combination of items including banners, elevated fields, special medals, and VIP guests

In order to assure high-quality Signature Events, the REC Foundation reviews proposed Signature Events based on the following criteria.

### **These technical requirements are required for all Signature Events:**

1. No more than 75% of teams registered from the same region.
2. An opening ceremony that welcomes the teams, spectators, volunteers and invited guests.  
Note: A standard Driver's Meeting or Event Meeting does not satisfy this requirement.
3. A closing award ceremony concludes the event. While some awards may be given out before the final match, the Tournament or Teamwork Champions and Excellence Award are recognized after the final match. The event staff, volunteers, teams and special guests should be recognized for their effort and participation during the award ceremony.
4. Teams are given the opportunity to run exactly three (3) Driving Skills Matches and three (3) Programming Skills Matches.
5. All competition fields for Qualifying Matches and Finals Matches are raised off the floor to the same height between ten (10) and twenty-four (24) inches.
6. An adequate number of fields for Qualifying Matches, Skills Challenges and Practice Areas.
  - a. The number of fields for Qualifying Matches assures each team plays at least seven (7) Qualifying Matches for VRC and VEX U and at least eight (8) Qualifying Matches for VIQC.
  - b. There is at least one (1) Skills field for every thirty (30) VRC or VEX U teams. Additional skills fields are added for every additional 30 teams participating.
  - c. There is at least (1) Practice field for every 16 teams.
7. The number of qualified event staff or qualified volunteers is sufficient to run the event.
8. There must be a Certified Head Referee for every Division.

9. There are two (2) Scorekeeper Referees for every VRC competition field and one (1) Scorekeeper Referee for every VIQC competition field. Scorekeeper Referees are required to have read the game manual, the referee guide and have watched the referee training videos.
10. The Judge Advisor has previous experience as a Judge Advisor and has read and agreed to follow the Judges Guide.
11. A Division manager oversees the running of Tournament Manager, field operation and queuing on each division.
12. There is an experienced VEX TM Operator for every Field Set.
13. There is at least one (1) Lead Robot Inspector.
14. There is at least one (1) Announcer or emcee per division.
15. Planning includes an adequate number of general event staff or volunteers.
  - a. A minimum of one (1) pair of Judges for every ten (10) teams.
  - b. A minimum of one (2) Queuers for every Qualifying and Finals Match field.
  - c. A Field Reset crew for all VRC and VEX U Divisions.
  - d. A minimum of one (1) Practice Field attendant for each practice field area.
  - e. At least one (1) Robot Inspector for every twelve (12) teams.
  - f. At least one (1) Check-in Attendant for every twenty-four (24) teams.
16. Each team attending is given adequate space in the Pit area with their own dedicated power supply. 10' x 10' pipe and drape booths are preferred; however, the following can be substituted if space is unavailable.
  - a. VRC Teams provided a pit table that is at least than six (6) feet in length.
  - b. VIQC teams provided a pit table that is no less than four (4) feet in length. Note: This may be an eight (8) foot table shared between two teams.
  - c. VEX U teams provided a table that is no less than eight (8) feet in length or two (2) tables that are no less than six (6) feet in length each.
  - d. Teams must be given a floor space that is at least fifty (50) square feet
17. The event is properly branded with the REC Foundation signature event logo and the appropriate program logos (VIQC, VRC and/or VEX U).
18. Event plans have setup and decoration being completed before the scheduled team check in with competition fields set up properly for matches.
19. The event utilizes the appropriate displays in Tournament Manager
  - a. There is a Filed Queue monitor on each competition
  - b. The Audience Display is visible to the majority of the competition spectators.
  - c. A Pit Display is displayed in the Pit Area.

**While not required, the following criteria will be used to evaluate the quality of the team Experience at a Signature Event:**

1. How many seats per competition field is at the event? A minimum of 24 seats per field is recommended.
2. Does the venue or associated area provide an added team experience that encourages teams to attend.
3. Are there plans to Live Stream or provide remote viewing?
4. Are Trophies/Award Banners/Medals for winners/participants customized for the event?
5. Are all Participants provided Event Pins, patches or stickers?
6. Will venue Banners be customized to adequately represent the REC Foundation, sponsors and host organization?
7. Will the event feature a high production value in terms of the following;
  - a. Stadium quality sound
  - b. More than one announcer/Emcee for game play
  - c. Appropriate Music played throughout event with special targeted music during Finals

**World Qualification from Signature Events**

Signature events qualify teams to Worlds based on how they are categorized. They are either designated as a level 1 or 2 event as follows:

**Level 1 Signature Event Requirements:** One (1) Worlds spot awarded to the Excellence Award Winner.

1. There are at least twenty-four (24) teams for VRC and VIQC and six (6) VEX U teams registered for the event.
2. The following trophies are judged and awarded: Excellence Award, Design Award, Robot Skills Award and Judges Award.
3. The event broadcasts to VEX Via live during the event.
4. The event uses video overlay with cameras on the competition fields during Qualifying and Finals Matches.
5. The event displays the Award Slides in Tournament Manager for the Closing Awards Ceremony.

**Level 2 Signature Event Requirements:** VRC and VEXIQ competition will have three (3) Worlds spots, one (1) awarded to the Excellence Award Winner and two (2) spots awarded to the Tournament or Teamwork Champions. VEX U events will have two (2) Worlds spots, one (1) awarded to the Excellence Award Winner and one (1) awarded to the Tournament Champion.

1. There are at least forty (40) teams for VRC and VIQC and twelve (12) VEX U teams registered for the event
2. The following trophies are judged and awarded: Excellence Award, Design Award, Think Award, Amaze Award, Build Award, Create Award, Robot Skills Award and Judges Award.
3. The event is a two (2) day event, with at least three (3) Qualification Matches on each day.
4. The event is broadcast to VEX Via live during the event.
5. The event uses video overlay with cameras on the fields for Qualifying and Finals Matches.
6. The event displays the Award Slides in Tournament Manager for the Closing Awards Ceremony.

**Note:** The process for double qualification from signature events is found in the Qualification Criteria document here: <https://www.roboticseducation.org/>.