



# Signature Event Requirements



## Overview

REC Foundation Signature Events give teams the opportunity to play at a tournament that is of the highest caliber. The mission of these events is to provide more opportunities for teams that do not typically attend Event Regional Championships or the World Championship to experience an event above and beyond a standard tournament. Signature Events typically 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 number of practice fields, skills fields, and qualification matches.
  - b. Demonstration of running higher caliber tournaments using technology (live streaming capabilities, electronic scoring, multiple displays, etc.).
2. Overall Feel and Team Experience of the event
  - a. Quality of the venue, and the venue or location provides a draw that will elevate the experience for teams to attend the event.
  - b. Access to nearby airports and hotels.
  - c. Access to experienced key volunteers to ensure the event runs smoothly.
  - d. 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.

## Requirements for all Signature Events:

1. Events abide by the standards included in the [Commitment to Event Excellence](#) and Qualification Criteria.
2. Signature Event descriptions include messaging that the event is a REC Foundation Signature Event and does not include messaging that would refer to being an alternative National or World Championship event.
3. No more than 75% of teams registered from the same region.
4. Include 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.
5. Include an award ceremony that 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.
6. Teams are given the opportunity to run exactly three (3) Driving Skills Matches and three (3) Programming Skills Matches.
7. All teams are given the opportunity to be judged and judging must follow the standard judging process as outlined in the Judges Guide.
8. 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.

9. 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. VRC and VEX U events will need to utilize the anti-static tiles for the Competition and Skills fields.
  - 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.
10. The number of qualified event staff or qualified volunteers is sufficient to run the event.
  - a. There must be an experienced Certified Head Referee for every Division. The Head Referee will be required to have been a Head Referee at a minimum of one event for the current season in the same program prior to the Signature Event. The preference is they have refereed at multiple events prior to the Signature Event.
  - b. 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.
  - c. The Judge Advisor has previous experience as a Judge Advisor and has read and agreed to follow the Judges Guide.
  - d. A Division Manager oversees the running of Tournament Manager, field operation and queuing on each division.
  - e. There is an experienced VEX Tournament Manager Operator for every Field Set.
  - f. There is at least one (1) Lead Robot Inspector.
  - g. There is at least one (1) Announcer or Emcee per division.
  - h. Planning includes an adequate number of general event staff or volunteers.
    - i. A minimum of one (1) pair of Judges for every ten (10) teams.
    - ii. A minimum of one (1) Queuer for every Qualifying and Finals Match field.
    - iii. A Field Reset crew for all VRC and VEX U Divisions.
    - iv. A minimum of one (1) Practice Field attendant for each practice field area.
    - v. At least one (1) Robot Inspector for every twelve (12) teams.
    - vi. At least one (1) Check-in Attendant for every twenty-four (24) teams.
11. Each team attending is given adequate space and resources in the Pit area.
  - a. Dedicated power supply at each pit is preferred, however charging stations in the pit areas that can accommodate all teams is acceptable.
  - b. 10' x 10' pipe and drape booths are preferred; however, the following can be substituted if space is unavailable.
    - i. VRC Teams provided a pit table that is at least six (6) feet in length.
    - ii. 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.
    - iii. 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.
  - c. Teams must be given a floor space that is at least fifty (50) square feet
12. The event broadcasts to VEX Via live during the event.
13. The event uses video overlay with cameras on the competition fields during Qualifying and Finals Matches.
14. The event displays the Award Slides in Tournament Manager for the Closing Awards Ceremony.
15. The event is properly branded with the REC Foundation Signature Event logo and the appropriate program logos (VIQC, VRC and/or VEX U).

16. Event plans have setup and decoration being completed before the scheduled team check in with competition fields set up properly for matches.
17. The event utilizes the appropriate displays in Tournament Manager
  - a. There is a Field Queue monitor on each competition field.
  - b. The Audience Display is visible to the majority of the competition spectators.
  - c. A Pit Display is displayed in the Pit Area.
18. If the REC Foundation secures a sponsor to provide support for the event, the Event Partner will follow deliverable guidelines when possible.

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

1. Does the venue provide adequate seating for spectators? 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 that qualify teams for VEX Worlds must follow these requirements:

1. The Signature Event must be an in-person event and occur between August 8, 2022 - February 26, 2023.
2. Signature Events must be posted and approved on RobotEvents.com by the posting deadline in the Qualifying Criteria and a minimum of ten (10) weeks prior to the event.
3. The Signature Event must be viewable, but not open to registration for at least two weeks before the event is open for team registration.
4. The Signature Event may not have a qualification requirement. The event must be open to any team to register, but the Event Partner does have discretion on the maximum number of teams per organization and regional capacity limits of no more than 75% of teams from one region.
5. The Signature Event may only qualify teams for VEX Worlds. Signature Events may not qualify for Event Regional Championships.

Signature Events that do not qualify for VEX Worlds:

1. May occur at any time during the season, although REC Foundation support may be limited if the event occurs during VEX Worlds.
2. Will be classified as a Scrimmage if a qualification requirement is used. Note: If a qualification method will be utilized, it will be the responsibility of the Event Partner to gather and verify the qualification data. The REC Foundation will not provide additional information directly to the Event Partner.

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) VEX Worlds spot awarded to the Excellence Award Winner.

1. There are at least twenty-four (24) teams for VRC and VIQC and twelve (12) VEX U teams registered for the event.
2. The following performance and judged awards are to be given: Excellence Award, Teamwork/Tournament Champions, Design Award, Robot Skills Champion, and Judges Award.

**Level 2 Signature Event Requirements:** VRC and VIQC 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 twenty-four (24) VEX U teams registered for the event.
2. The following performance and judged awards are to be given: Excellence Award, Teamwork/Tournament Champions, Design Award, Robot Skills Champion, Innovate, Think Award, Amaze Award, Build Award, Create Award, and Judges Award.
3. The events span over at least (2) days, and have at least three (3) Qualification Matches on each day. Alternatives to this requirement will need to be approved by the REC Foundation to ensure teams have enough time to complete the minimum number of qualification matches and have a positive team experience.

**Notes:**

- The Level of the event will initially be determined by the event capacity at the time the event is approved. It's recommended that the event capacity be set approximately 10% above the minimum team registration requirements to ensure the minimum team registration requirements are met.
- If the event does not meet the team registration minimums listed for each Level at least 30 days prior to the event, the Level of the event and VEX Worlds spots may be adjusted and/or the events may be blended.
- The process for double qualification from signature events is found in the Qualification Criteria document here: <https://www.roboticseducation.org/>.