



2015-16 VRC HIGH SCHOOL STATE/REGIONAL CHAMPIONSHIP QUALIFYING CRITERIA



Below are the criteria for registered VRC High School teams to qualify for participation in the 2015-16 VEX Robotics Competition High School State (United States), Regional, and Provincial (Canada) Championships at official VEX Robotics Competition Qualifying Events being held from June 2015 through February 2016.

VRC events must meet the following criteria:

- Be listed as a VRC event with online registration hosted on www.robotevents.com.
- Be an event held between June 1, 2015, and two weeks prior to the State/Regional/Provincial Championship event for which they will qualify.
- All teams participating at the event have completed their 2015-16 VRC Team registration. Teams will not be able to register for events until their Team Registration is completed and paid via credit card, check, or purchase order.
- The event must follow the Official Rules in the Game Manual (including tournament/alliance selection guidelines) and Tournament Manager results must be uploaded within one week.
- Posting Deadline: Official Qualifying Events must be posted on RobotEvents.com by Nov 2, 2015 and be open for registration at least 8 weeks in advance of the event.
- RobotEvents.com registrations and payments must be completed a minimum of one week before any event, at which point online registration/payment will be unavailable. Teams may still be added to an event manually by the event partner, but event fees for those teams must be paid directly to the Event Partner and cannot be processed on RobotEvents.com

Three Ways to qualify for your State/Regional/Provincial Championship

- All official local tournaments held at least two weeks prior to the State/Regional/Provincial Championship will qualify their top teams for the championship (details on page 2)
- Leagues within the state will qualify their top teams for the State Championship (page 2)
- Top Skills Challenge scores within the state can qualify for the State/Regional/Provincial Championship
- Teams are permitted to attend only one (1) State/Regional/Provincial Championship

State/Regional/Provincial Championship Spots are held for teams for up to three weeks from the date of the event at which they qualified. Teams that qualify on, or before, February 1, 2016, will have three weeks to register and pay. Teams that qualify after Feb 2, 2016, (or qualified for a Championship that is less than three weeks away) will have one week to register and pay (provided there is still space available in the State/Regional/Provincial Championship). A qualified team that registers after the cutoff date will be given priority on the VRC State Championship waitlist, but will no longer have a guaranteed spot.

2015-16 VRC State/Regional/Provincial Championship qualifying spots are available as follows: To be eligible to participate in a VEX Robotics Competition (VRC) Championship qualifying event (and for a qualifying spot), a team must have officially registered, paid, and have their official 2015-16 VRC Team ID Number and Robot ID plates. Please check with your REC Foundation Regional Support Manager to determine the exact allocation of spots in your state or region.

Official Qualifying Tournaments:

- Small Local Event with 16-23 participating teams may be eligible to qualify up to **three (3) teams** to the state/regional/provincial championship event
 - Tournament Champions on the winning alliance (2 team alliances)
 - Excellence Award winner (1 team)
- Medium Local Event with 24-59 participating teams may be eligible to qualify up to **four (4) teams** to the state/regional/provincial championship event
 - Tournament Champions on the winning alliance (3 team alliances)
 - Excellence Award winner (1 team)

- Large Local Event with 60 or more participating teams may be eligible to qualify up to **five (5) teams** to the state/regional/provincial championship event
 - Tournament Champions on the winning alliance (3 team alliances)
 - Excellence Award winner (1 team)
 - Design Award winner (1 team)

All State/Regional/Provincial Championship events must be held no later than March 13, 2016.

Spot allocations for championship events may vary, please consult your REC Foundation Regional Support Manager for more detail regarding qualification spots for your state/regional/provincial championship.

Skills Challenge State/Regional/Provincial Championship Qualifying Spots

- Skills Challenge scores for all official qualifying events will be included in the VEX Robotics Competition World Skills Rankings on RobotEvents.com. The overall top 30 Robot Skills and the top 30 Programming Skills rankings listed in the World Skills Rankings on RobotEvents.com, as of March 7, 2016, will earn spots in the 2016 VEX Robotics World Championship.
- As of three weeks before the date of the Championship, the top team scores in that State/Region/Province in both the Programming Skills and Robot Skills Challenges may earn a qualifying spot to the 2016 VRC State/Regional/Provincial Championship, depending on capacity. Please contact your REC Foundation Regional Support Manager for the exact number of teams eligible for spots based on their skills challenge scores.
- If the Championship event still has spots open as it approaches, the teams on the waitlist from that State/Province will be allowed to participate in order of their Programming and Robot Skills challenge rankings, with the first team invited being the highest ranked Programming Skills candidate.

Official Qualifying Leagues:

- Official Leagues with 16-23 teams may qualify **one (1) team** for the State/Regional/Provincial Championship
- Official Leagues with 24-36 teams may qualify up to **three (3) teams** for the State/Regional/Provincial Championship
- Official Leagues with 36 teams or more may qualify up to **four (4) teams** for the State/Regional/Provincial Championship
 - League Champion (1 qualifying team) is the team that finishes first in the league rankings. Leagues must have a league championship session to qualify teams to the State/Regional/Provincial championship.
 - Leagues (3 or 4 qualifying teams) must have a Final League Tournament consisting of 2 team alliances that will qualify the 2 Tournament winning alliance teams for the State/Regional/Provincial Championship (3 team alliances for 36+ team leagues).
 - Requirements for a league to be an official 2015-16 VRC MS State Championship qualifier:
 - New Leagues must have a minimum of 16 teams participating, existing leagues must have a minimum of 24 teams participating
 - Leagues are encouraged to have multiple unique match play dates, the required minimum is 3, while 4 or more is recommended.
 - No school or organizations can have more than 25% of the total number of teams in the league.

*** The number of spots available for a State/Province Championship may be dependent on the capacity of the venue and the number of events leading up to it. The REC Regional Support Manager will work with Championship Planning Committee to determine how many qualifying events will be needed to fill the event. If a Championship has additional capacity, they may also allow the finalist teams from smaller events to qualify for the State Championship Tournament.

*** State/Province Championships are closed to teams outside of that State/Province/Country. Some regions may have States/Provinces that band together to hold a Regional Championship. So if the New England states want to combine their spots to have a three (3) or four (4) state regional championship (with only teams from those involved states), they will be permitted to host one (1) event to award all allocated spots. Please remember that teams are only permitted to register for one (1) State/Regional/Provincial Championship.



2015-16 VRC HIGH SCHOOL WORLD CHAMPIONSHIP QUALIFYING CRITERIA



2016 VEX Robotics World Championship qualification from the 2016 State Championships

The number of qualifying spots a State/Province Championship can allocate for the 2016 High School World Championship will be based on the percentage of High School VRC teams the state has in relation to the total number of teams in the program. Depending on the size of a state, the High School State Championship can qualify between 1 and 16 teams to the 2015 VEX Robotics Competition World Championship. The chart below shows which awards at a State/Province Championship Tournament will qualify for the 2016 World Championship based on the how many World Championship High School spots the state has been allocated.

ALL Local Events will qualify teams for the High School State Championship.

State/Regional/Provincial Championships will qualify the following teams for the World Championship.

If State Has	Excellence Winner	State Champions	State Finalists	Design Winner	Highest Pro Skill Challenge Score	Highest Robot Skill Challenge Score	Semi Finalist	Total Teams	
1 Spot	1	-	-	-	-	-	-	1	
3 Spots	1	2	-	-	-	-	-	3	
4 Spots	1	3	-	-	-	-	-	4	
5 spots	1	3	-	1	-	-	-	5	
6 spots	1	3	-	1	1	-	-	6	
7 spots	1	3	-	1	1	1	-	7	
8 spots	1	3	3	1	-	-	-	8	
9 spots	1	3	3	1	1	-	-	9	
10 Spots	1	3	3	1	1	1	-	10	
11 Spots	1	3	3	1	1	1	-	10	***
12 Spots	1	3	3	1	1	1	-	10	***
13 Spots	1	3	3	1	1	1	-	10	***
14 Spots	1	3	3	1	1	1	-	10	***
15 Spots	1	3	3	1	1	-	6	15	
16 Spots	1	3	3	1	1	1	6	16	
17 Spots	1	3	3	1	1	1	6	16	***
18 Spots	1	3	3	1	1	1	6	16	***
19 Spots	1	3	3	1	1	1	6	16	***
20 Spots	1	3	3	1	1	1	6	16	***

Special Note: The spots for each State/Regional/Provincial Event will be given to that number of different teams.

If a team double qualifies, then the next highest Programming or Robot Skills Challenge Score team will get the spot.

*** Unused spots can be used in a few different ways: given to the largest regional state tournaments for the Excellence Award Winner, used for an end of season qualifying event (tournament or skills event), given to highest ranked state skills challenge scores. Special Note: The spots for each State/Regional/Provincial Event will be given to that number of different teams.

Important Growth Considerations

- Any state that shows extraordinary growth will be awarded High School “bonus spots” for World Championship on January 1, 2016. To accommodate this extraordinary growth, a state or region will receive one bonus spot for every 50 teams registered above last season’s total.
- While many States/Regions/Provinces will continue to host events open to High Schools and Middle Schools, referenced as “blended” events, many States/Regions/Provinces will have championship events for High School and Middle School teams separately. Please be sure to check RobotEvents.com for a complete listing of events and more information.
- States that have only one assigned Middle School World Championship spot may give that qualifying spot to the Excellence Award winning team at a blended State/Regional Championship, provided that State/Regional Championship event has at least eight (8) Middle School teams registered two weeks prior to the event. Please see the VRC Middle School Qualifying Criteria for more information.
- Please contact your REC Foundation Regional Support Manager for additional information regarding qualifying events, qualifying spots, growth considerations, and any other pertinent questions.
- If your state/region/province is not listed in the projections chart (below), your state/region/province may still be eligible for an invitation for teams to attend the 2016 VEX Robotics World Championship. Please contact your REC Foundation Regional Support Manager for more details.

Current projections of High School VRC World Championship spots allocated to each State:

State:	2015 HS Teams:	HS WC Spots:
Alabama	70	5
Alaska	1	1*
Arizona	104	7
Arkansas	34	3
California	459	33
Colorado	35	3
Connecticut	70	5
Delaware	21	3
District of Columbia	42	3
Florida	142	10
Georgia	260	19
Hawaii	82	6
Idaho	42	3
Illinois	75	5
Indiana	166	12
Iowa	19	1
Kansas	39	3**
Kentucky	96	7
Louisiana	36	3**
Maine	68	5**
Maryland	164	12
Massachusetts	137	10
Michigan	179	13
Minnesota	73	5
Mississippi	56	4
Missouri	43	3
Montana	8	1*

Nebraska	123	9
Nevada	49	4
New Hampshire	59	4**
New Jersey	76	5**
New Mexico	25	3
New York	129	9
North Carolina	43	3
North Dakota	1	1*
Ohio	174	13
Oklahoma	73	5
Oregon	60	4
Pennsylvania	106	8
Rhode Island	6	1*
South Carolina	59	4
South Dakota	25	3**
Tennessee	33	3
Texas	516	37
Utah	58	4
Vermont	8	1*
Virgin Islands	0	1*
Virginia	165	12
Washington	134	10
West Virginia	30	3**
Wisconsin	91	7
Wyoming	10	1*

*Indicates that one total World Championship Spot is available for High School or Middle School.

**Indicates that World Championship Spots allocated are available for High School or Middle School.