**2018 Nelson Team Grants**

Nelson Team Grants seek to enable Title I and STEM-focused elementary and middle schools (grades 4-8) in the Los Angeles area (especially LAUSD) to start teams to participate in the VEX IQ Challenge robotics program. Our goal is to inspire students to pursue STEM degrees and careers. We provide schools with the resources needed to inspire the next generation of scientists and engineers.

2018 Nelson Team Grants provide award recipients with the following equipment (total cost: $810 plus tax) plus the first-year team registration fee ($150):

* VEX IQ Super Kit $330
* VEX IQ Competition Add-On Kit $100
* VEX IQ Foundation Add-On Kit $80
* VEX IQ Challenge Full Field Perimeter & Tiles $200
* VEX IQ Challenge [Current Game] Full Field & Game Elements Kit $100
* VEX IQ Challenge Team Registration (first year only) $150

Only schools that are not currently participating in the VEX IQ Challenge are eligible. Schools that receive Nelson Team Grants are required to register a VEX IQ Challenge team ($150 registration fee paid by grant the first year) and to register that team for and to attend an official event (typical fee $100) each year. Schools should plan to spend $100 the first year for event registration and $400 each subsequent year for team and event registrations, for field and game element kits, and for additional robot parts.

**Nelson Team Grant Agreement**

If my school receives a Nelson Team Grant, I understand that my school will have use of the provided robotics equipment for as long as my team fulfills the following conditions. A new VEX IQ Challenge season starts after the VEX Robotics World Championships in April each year.

* The coaches/mentors and administration at my school support creating a sustainable VEX IQ Challenge program.
* The equipment will be stored in a safe, clean location.
* The equipment will be used for official VEX IQ Challenge events or activities each season.
* My team will complete and pay team registration each season.
* My team will register for and will attend at least one official event each season.
* My team will participate in post-season surveys to assure that the above conditions have been fulfilled.

In the future, if my team no longer fulfills the conditions above, I will make arrangements to return the robotics equipment so that it can be made available to another deserving school.

If your school is in LAUSD Local Districts Central, East, or West and if you have a coach who is ready to start a team.

Coach Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Coach E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This application should be signed by a school administrator, preferably by the Principal.

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Printed Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ LDistrict: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please email the scanned application to [LeRoy@LARobotics.org](mailto:LeRoy@LARobotics.org). For additional information, please contact:

LeRoy Nelson, Treasurer, Los Angeles Robotics, 1457 3rd Street, Manhattan Beach, CA 90266  
E-mail: [LeRoy@LARobotics.org](mailto:LeRoy@LARobotics.org) Mobile phone: (310) 529-4637 Home office phone: (310) 937-7226

Note: This page does not need to be scanned and submitted with your application.

**2018 Nelson Team Grant Process**

* School submits Nelson Team Grant application.
* LeRoy Nelson reviews and approves application.
* Prior to May 2, 2018, if school is ready to start a team and is in a Local District with a confirmed new League host (Central, East, or West):
  + LeRoy orders VEX IQ Super Kit for school.
  + LeRoy sends school shipping confirmation, [instructions to organize team](http://link.roboticseducation.org/vexiqchallengeoverview_vexiqteamsandevent_howtostartandorganizeavexiqteam), and [FAQ](http://larobotics.org/resources/Frequently_Asked_Questions.pdf).
  + School organizes team(s) to learn how to build and program VEX IQ robots.
* After May 1, LeRoy sends school [instructions to register team](http://link.roboticseducation.org/vrcteams_teamresources_registrationinstructionsfornewteams).
* School registers team. No payment or student names are needed.
* School forwards team registration order confirmation to LeRoy.
* LeRoy pays the team registration fee for one first-year team. A small box containing a Team Welcome Kit should arrive approximately one week later.
* LeRoy orders VEX IQ robot equipment, field, and game kits for school. The equipment order ships in 6 boxes that weigh a total of 70 pounds. If any items are out of stock, shipments could be delayed 4-6 weeks.
* LeRoy sends school shipping confirmations, [instructions to organize team](http://link.roboticseducation.org/vexiqchallengeoverview_vexiqteamsandevent_howtostartandorganizeavexiqteam), and [FAQ](http://larobotics.org/resources/Frequently_Asked_Questions.pdf).
* School organizes team(s) to learn how to build and program VEX IQ robots.
* LeRoy works with Local Districts to organize leagues for local schools to attend.
* LeRoy sends school instructions in September to register for leagues and other events.
* School registers team for at least one official event (league or tournament).
* School forwards event registration order confirmation(s) to LeRoy.
* Team attends event(s).
* Top teams qualify for State Championships and/or U.S. Open Championship.

**2018 Nelson Team Grant Application**

* This application should be signed by a school administrator, preferably by the Principal.
* Please email the scanned application to [LeRoy@LARobotics.org](mailto:LeRoy@LARobotics.org).
* Applications are due by **Friday, August 31, 2018**. Revised March 13, 2018.

**2018-2019 VEX IQ Challenge: 9-10 Leagues**

Our goal is to start 4-5 new LAUSD leagues this year:

* 1-2 new Leagues in LAUSD LD Central: Garvanza ES, TBD
* 2 new Leagues in LAUSD LD East: Belvedere MS
* 1-2 new Leagues in LAUSD LD South: TBD

Leagues will meet five times between September and January:

* Session 1 for new leagues: Orientation and Practice Teamwork Matches
* Session 1 for returning leagues: Qualification Teamwork Matches
* Sessions 2-4: Qualification Teamwork Matches
* Session 5: Skills Matches and Judging followed by Finals Matches and Awards

**Nelson Team Grants by Year**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | 2015 | 2016 | 2017 | 2015-2017 | 2018 Goals |
| New Recipient Schools | 19 | 16 | 68 | 103 | 80-100 |
| New Leagues | 1 | 1 | 3 | 5 | 4-5 |