



2019-20 Section 99h: FIRST Robotics (VEX) Grant
Technical Assistance
October 23 & 24, 2019
3:00 p.m. - 4:00 p.m.

Zoom Connection:

<https://zoom.us/j/435229476?pwd=RHcrSlhrZUxqRW1ZZkg5Zm1JaHYwdz09>

Important:

Please **mute** your phone. We will be monitoring the chat tool in the webinar for questions. We will also open for questions at the end of the conference call.

Agenda/ Objectives

- ▶ Welcome/ Introductions - 5 min.
- ▶ Review Resources - 5 min.
- ▶ Grant Requirements and Structure - 15 min.
- ▶ Application Process - 15 min.
- ▶ Programming Specifics - 10 min.
- ▶ Question and Answer - 10 min.

Resources

- Grant webpage:
<http://www.techplan.org/rdi>
 - Request for Proposal (RFP) Instructions
 - Template Spending Plan
 - Student Roster
 - MEGS+ Step-by-Step Document
 - Links to robotics programming
 - Updated FAQ document - Coming Soon!
- FIRST in Michigan Webpage:
<https://www.firstinmichigan.org/>
- Robotics Education Competition Foundation Webpage:
<https://www.roboticseducation.org/>

Grant Purpose

- To support the State Board of Education's Mission and [Top 10 Education State in 10 Years - Goals and Strategies](#)
- To support students in grades K-12 through participation in FIRST Progression and/or Robotics Education Competition programming, known as VEX and VEX-IQ.

Eligible Applicants

- Local Education Agencies (LEAs)
- Public School Academies (PSAs)
- Intermediate School Districts (ISDs)
- Registered Nonpublic Schools*

Grant Requirements - Defined in Statute

To be eligible for a grant, a district will demonstrate that it has:

- ▶ Established a partnership for the purpose of the FIRST Robotics program with at least one sponsor, business entity, higher education institution, or technical school.
- ▶ Submitted a spending plan. A template can be found at www.techplan.org/rdi.
- ▶ Agreed to pay at least 25 percent of the cost of the Coach Stipend and Advancement Award. The match may be cash or in-kind (such as paying the FICA and insurance up to the match amount).
- ▶ Agreed to provide matching funds for the Support Award from private or local sources equal to at least 50 percent of the costs of participation in an event. The match may be cash or in-kind (such as providing a room to build, transportation to events, etc.).

Grant Requirements - Proposed by Staff:

- ▶ Each Applicant:
 - ▶ Be registered
 - ▶ Have a current team number and coach
 - ▶ Participate
 - ▶ Be willing to offer elective high school credits
 - ▶ Be willing to participate in the digital badging
 - ▶ Provide an electronic roster

Grant Criteria/Prioritization

- ▶ High economically disadvantaged populations (focus and priority based schools).
- ▶ Schools that serve a high percentage of low income families (based on Free and Reduced Lunch count data).
- ▶ First time teams participating in robotics programming starting with the high school program and working down to kindergarten.
- ▶ Districts that establish feeder teams (teams that generate student populations that will potentially move up to high school or middle school programs).
- ▶ Districts in a broad geographical distribution.

Grant Funding

2019-2020

*****\$4,700,000 for Public Schools*****

*Anticipated Work Project Funding from
2018-19*

*****\$1,850,000 for Public Schools*****

*****\$175,000 for Non-Public Schools*****

FIRST Grant Structure

- Coach's Stipend Award
- Support Award (Event Registrations, Materials, Travel Costs, Other)
- Advancement Award

Coach's Stipend Award

- **A Coach's Stipend is for salary only**
 - \$1,500 for a High School FIRST Robotics Competition teams, Middle School FIRST Tech Challenge team, VEX, and RAD (limit one high school program stipend per school)
 - \$1,000 for a Upper Elementary FIRST LEGO League Team and VEX-IQ (limit one upper elementary program stipend per school)
 - \$ 300 for an Early Elementary FIRST LEGO League Jr. team (limit one early elementary program stipend per school)
- **District is required to match 25% of each Coach's Stipend award**

***MDE Stipend Award + 25% Match = Total Stipend Amount ***
FRC Example: \$1,500 stipend + \$375 match = \$1,875
- **Awards are limited**

Support Awards*

Can be used to pay for FIRST registration, FIRST events, materials, travel costs, and other expenses associated with the FIRST team (promotional items, etc.)

- \$9,000 - Rookie High School FIRST Robotics Teams
- \$8,000 - 2nd year High School FIRST Robotics Teams
- \$7,000 - 3rd year High School FIRST Robotics Teams
- \$5,000 - 4th year High School FIRST Robotics Teams
- \$3,200 - 5th year and Beyond High School FIRST Robotics Teams
- \$2,000 - Rookie FIRST Tech Challenge Teams
- \$1,000 - Veteran FIRST Tech Challenge Teams
- \$ 500 - Rookies FIRST LEGO League Teams
- \$ 200 - Veterans FIRST LEGO League Teams
- \$ 150 - FIRST LEGO League Jr. Teams
- \$2,000 - VEX Rookie Teams
- \$1,000 - VEX Veteran Teams
- \$ 500 - VEX-IQ Rookie Teams
- \$ 200 - VEX IQ Veteran Teams
- \$ 500 - RAD Rookie Teams
- \$ 200 - RAD Veteran Teams

*Districts must provide 50% match for Support Grants

Advancement Awards*

Contingent upon funding**, teams that **qualify** and **participate** in State, Super-Regional (FTC only), and World Competitions will automatically begin to receive their Advancement Grant awards beginning in the May 2020 State School Aid Payments. FIRST in Michigan and RECF will supply a list to the MDE of all advancing teams.

*Districts must provide 25% match for Advancement Grants

**Contingent upon funding, the MDE will provide an award of equal amount for ¹³reasonable expenses.

Coach Stipend and Support Grants Award Payment Schedule

December 20 (3/11 th of full award amount)
Additional Award Dates (each payment totaling 1/11 th of full award amount)
January 20
February 20
March 20
April 20
May 20
June 22
July 20
August 20

Advancement Grants Award Payment Schedule

May 20 (8/11 th of full award amount)
Additional Award Dates (each payment totaling 1/11 th of full award amount)
June 22
July 20
August 20

Key Dates*

- ▶ October 17, 2019 - Grant RFP is announced via eblast memo
- ▶ October 23, 2019 - Application is live in MEGS+
- ▶ October 23 & 24, 2019 - Technical Assistance Webinar
- ▶ November 14, 2019 - Applications due at 11:59pm in MEGS+
- ▶ November 15, 2019 - Grant applications reviews
- ▶ December 1, 2019 - Grants Awards Announced
- ▶ December 20, 2019 - Awards made via SAMS


*All dates subject to change at the discretion of MDE.

Application Process

Available in MEGS+

- 1 application per district
- Application allows for multiple team submission
- Each team must have:
 - Team and sponsor pages
 - District-wide cumulative FIRST Spending plan and Student Roster uploaded

MEGS+ Application Demo



Michigan Electronic Grant System Plus – MEGS+ QA - UAT
Michigan Department of Education

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Ingham ISD - 33000

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Application: FY 2019 - FIRST Robotics | **Status:** Application In Progress | **Security Level:** MEGS+: Level 5 Authorized Official


Description:

Please select from an option below. For detailed instruction about each option, select the **SHOW HELP** button.

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Assurance of Accuracy

- Staff
- Legislative
- Districts Level Five

Robotics Programming



Mission
Timeline
Cost
Contacts

Questions?

Contact:

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