Michigan Department of Education

2023-24 Section 99h: Robotics Competition

Grant Program Technical Assistance Webinar

Agenda

- Welcome/Introductions – 15 min.
- Review Resources – 5 min.
- Grant Overview – 10 min.
- Grant Structure – 10 min
- NexSys Application Demo – 30 min.
- Questions – 20 min

2023-24 99h Robotics Program Providers

- FIRST (for inspiration and recognition of science and technology) Robotics, including FIRST LEGO League-Discover, FIRST LEGO League-Explore, FIRST LEGO League-Challenge, FIRST Tech Challenge, and FIRST Robotics Competition.
- LTU Robofest
- MATE
- Quarkmine, including SRL, ORL and ERL Robotics Competitions
- Robotics Education and Competition (REC) Foundation, including Vex Robotics Competition, VEX Robotics Competition (VRC), Aerial Drone Competition, and Bell Advanced Vertical Robotics (AVR)
- Square One

Resources

Grant webpage: Competitive 99h: Robotics Competition Grant - Grants - EdTech Initiatives - TechPlan.org

- Request for Proposal (RFP) Instructions
- Technical Assistance (TA) Webinar Recording
- Copy of TA Webinar PowerPoint
- NexSys Step-by-Step Instructions
- Program Provider Contacts
- Grant Award Announcements
- FAQ
- Etc.

Grant Purpose

The competitive Robotics Competition Grant supports Michigan's Top 10 Strategic Education Plan Mission of supporting learning and learners by addressing all the guiding principles by offering districts the autonomy to choose the comprehensive robotics program that best meets the needs of their students, family, and community.

Michigan's Top 10 Strategic Education Plan

Grant Funding

$6,573,200

Public Schools

$5,973,200

Non-Public Schools

$600,000

Key Dates*

September 8, 2023: Grant RFP is announced

September 26, 2023: Technical Assistance Webinar

October 1, 2023: Application is live in NexSys

December 1, 2023: Applications due at 12 p.m. in NexSys

Held for six weeks following the application close date. Grant application review.

February 1, 2024: Grant Awards Announced

March 2024: Awards made via SAMS and SIGMA

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

Eligible Applicants

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

*** Nonpublic schools must be registered with MDE prior to the application deadline.*

To register with MDE, visit:
https://www.michigan.gov/mde/0,4615,7-140- 81351_81352_35175---,00.html.

Grant Requirements – Defined in Statute

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

- Established a partnership for the purpose of the Robotics competition program with at least one sponsor, business entity, higher education institution, individual, or technical school.
- Submitted a district cumulative budget via the NexSys application.
- Agreed to pay at least 25 percent of the cost of the Robotics competition program.
- Submit a Team Roster as instructed by the department.

Grant Requirements – Proposed by Staff

Each applicant must:

- Be registered for the current season with the Robotics competition program provider of their choosing.
- Have a current Robotics competition program team number and coach in place for the current season.
- Participate in a minimum of one Robotics competition event in Michigan during the current season or the qualifying number of events for advancement per the guidelines of the Robotics competition program.
- Be willing to offer elective high school credits for students.
- Be willing to participate in a digital badging program established by the Robotics competitive program provider.

2023-24 Grant Changes

- New Program Providers
  - Robofest
  - Quarkmine
- Max $1,500 Coaching Stipend per building
- Team Roster
  - Due June 1, 2024

99h: Robotics Grant Structure

- Coaching Stipend Award
  - One coaching stipend per building
- Support Award (Event Registrations, Materials, Travel Costs, food, Other)
- Advancement Award (contingent upon funding)

Coaching Stipend Award

- A Coaching Stipend is for salary or purchased services only.
  - Stipend awards must be awarded to the coach or returned to the department.
  - Grant award max of $1,500 per building plus district 25% match.
  - The $1,500 stipend may be split amongst multiple coaches.
    Ex: 3 coaches = $500/coach (plus 25% match)
  - Stipend awards should not be used for team support unless the coach donates the funds back to the team.

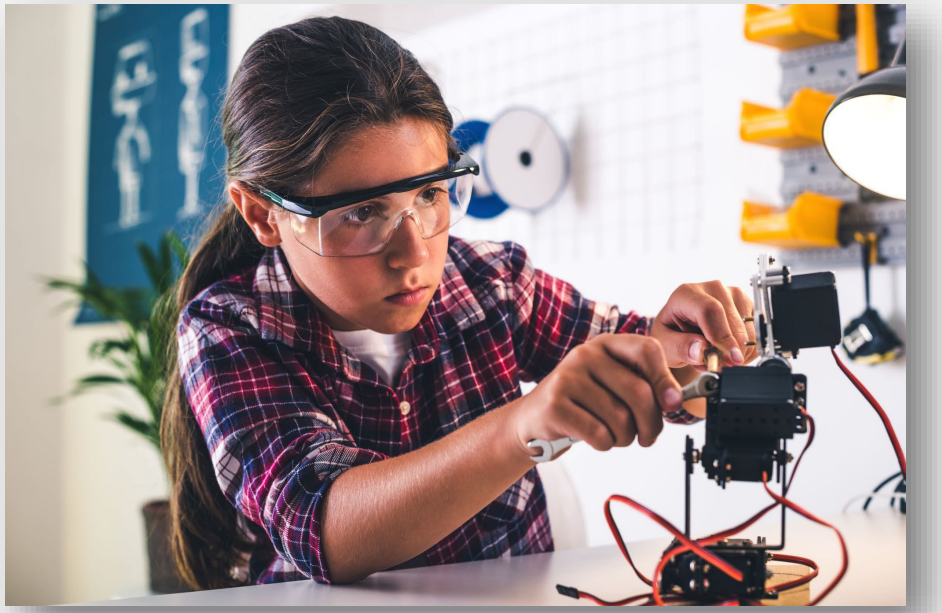
Team Support Award

Use of funds:

- Registration
- Events
- Materials
- Travel costs
- Food
- Other expenses associated with the 99h: Robotics team (promotional items, etc.)
- Team support award is for the sole use of the team and program for which it is awarded.

All maximum award amounts are listed in the RFP

Coach Stipend and Support Award Payment Schedule



March 2024

Public Schools

SAMs adjustment

Non-Public Schools

SIGMA payment

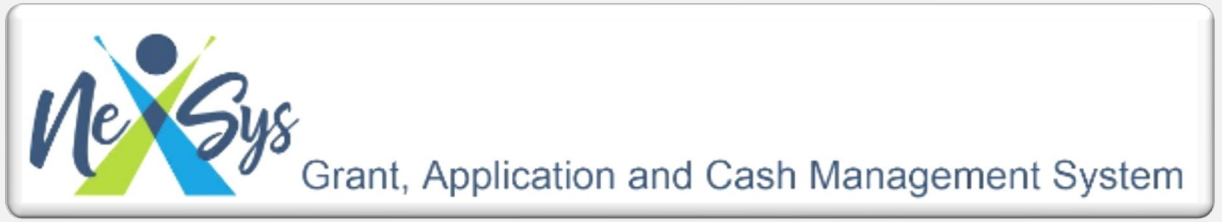
Advancement Awards

Contingent upon funding**, teams that **qualify** and **participate** in an advanced competition will automatically begin to receive their Advancement Grant awards beginning in the May 2024 State School Aid Payments.

Program Providers will supply a list to the MDE of all advancing teams.

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

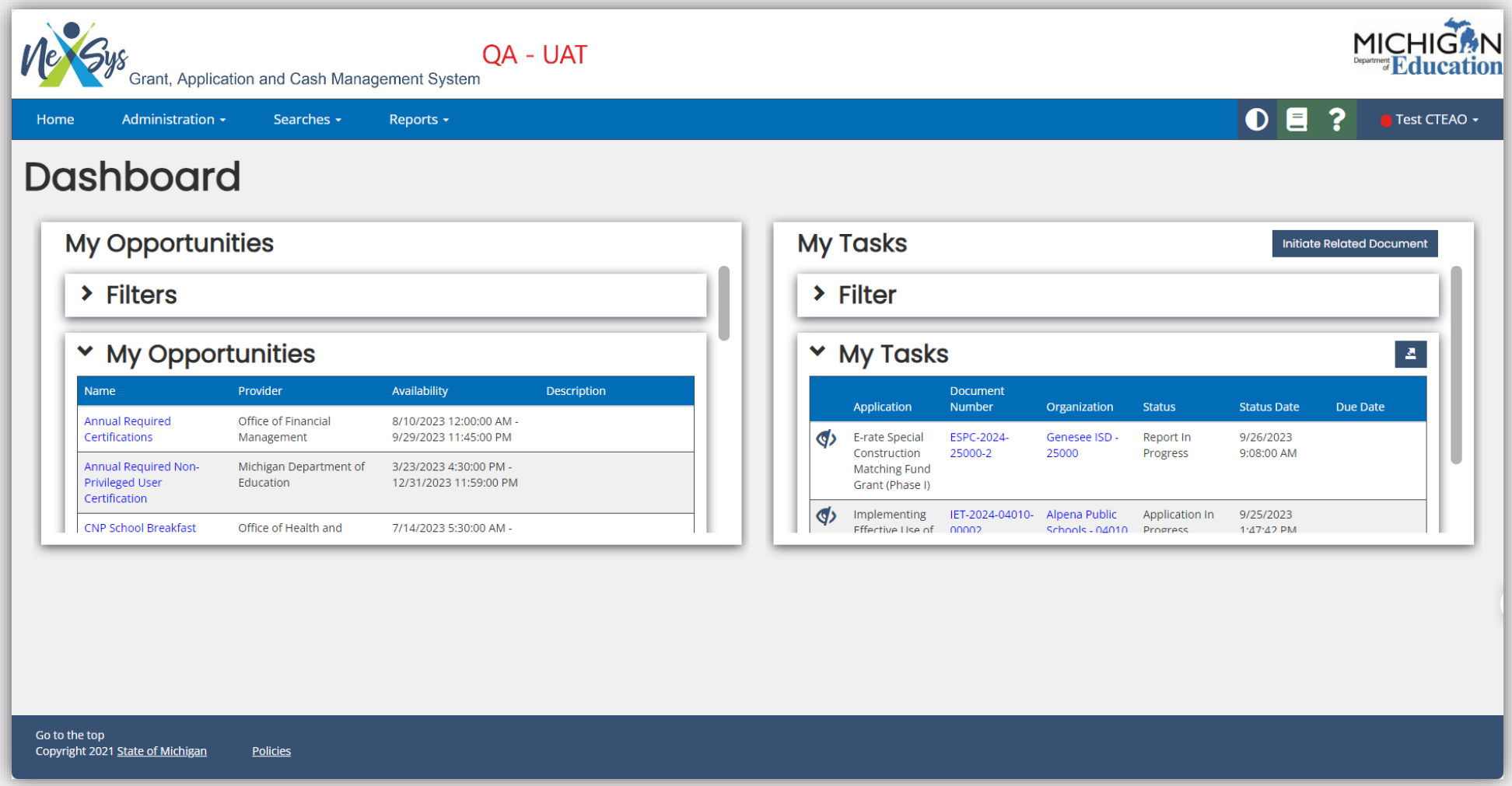
Application Process



Available in NexSys

- 1 application per district
- Application allows for multiple team submissions
- Each team must have:
  - Team and sponsor page
  - District-wide 99h: Robotics Budget
    - Must include **stipend and support award**

NexSys Application Demo



Questions?

2023-24 99h Robotics Program Providers

REC Foundation

SQUARE ONE EDUCATION NETWORK

Department of Education

QUARKMINE

LAWRENCE TECHNOLOGICAL UNIVERSITY ROBOFEST

MATE ROV COMPETITION

FIRST®