

Afterschool Athletics, STEM & Extracurricular Programming

MMSA is dedicated to educating the whole child by offering structured afterschool sports and STEM programs. Designed to foster teamwork, character building, physical wellness, and problem-solving, our extracurricular offerings encourage 1st through 8th-grade students to stay active, build leadership skills, and pursue learning in a supportive environment:

- **MKE REC League Athletics Partnership & Philosophy:**
 - Community Partnership: MMSA proudly offers athletic leagues in partnership with Milwaukee Recreation (MKE REC).
 - League Philosophy: MKE REC sports emphasize equal participation, skill development, positive sportsmanship, and fun above winning. The program focuses on teaching core athletic fundamentals, encouraging personal growth, ensuring every student plays, and building school community pride in a safe, positive athletic setting.
- **Elementary Athletics (Grades 1st – 3rd):**
 - Program Focus: Early elementary sports focus on building foundational coordination, active play, basic game rules, and teamwork through MKE REC leagues.
 - Sports Offered: Flag Football, Basketball, and Soccer.
- **Intermediate Athletics (Grades 4th – 5th):**
 - Program Focus: Upper-elementary sports help students refine sport-specific techniques, understand cooperative strategy, and practice positive leadership on and off the field.
 - Sports Offered: Flag Football, Basketball, and Soccer.
- **Middle School Athletics (Grades 6th – 8th):**
 - Program Focus: Middle school athletics provide structured competition through MKE REC that prepares student-athletes for high school sports while instilling athletic discipline, peer accountability, and sportsmanship.
 - Sports Offered: Boys Basketball, Girls Basketball, Coed Volleyball, Track & Field, Soccer, and Cheerleading.
- **FIRST Robotics & STEM Programming:**
 - Program Overview: MMSA offers hands-on robotics teams for elementary and middle school students through *FIRST* (For Inspiration and Recognition of Science and Technology), a world-renowned STEM engagement organization.
 - Elementary Robotics (*FIRST* LEGO League Explore): Younger students explore real-world engineering challenges through LEGO building, coding, and team research projects. Students learn basic block coding, design interactive LEGO models, and present their creative solutions at community STEM showcases.
 - Middle School Robotics (*FIRST* LEGO League Challenge): Middle school teams design, build, and program autonomous SPIKE Prime / LEGO MINDSTORMS robots to execute complex missions on a themed playing field. Students apply real-world mathematical concepts, computer programming, and engineering design cycles while developing a research project that solves a real-world scientific problem.

- Core Values: All MMSA robotics teams operate under FIRST Core Values—emphasizing Discovery, Innovation, Impact, Inclusion, Teamwork, and "Gracious Professionalism" (competing hard while treating teammates, opponents, and mentors with respect).