



— MINNESOTA —
MATH AND SCIENCE
ACADEMY

*Afterschool Clubs
Information Booklet*

2014-2015

Welcome

We are delighted that you are considering an afterschool club at Minnesota Math & Science Academy. This handbook is intended to be an overview of the afterschool clubs and provide clarity for parents, staff and students. The club sponsor is responsible for enforcing all school, state, and federal regulations.

Purpose of Afterschool Clubs

Minnesota Math & Science Academy regards the development and implementation of extracurricular activities and clubs as a positive and meaningful contribution to the lives of our students. A child's education does not take place only in the classroom, during regular school hours. Hence, school sponsored afterschool activities can be an invaluable setting for a child's continued personal and academic growth. Afterschool clubs should provide students with the following:

- Opportunities to develop socially through engaging activities which develop and strengthen character, leadership skills, and social skills.
- Activities outside the classroom which enlarge the interest and knowledge that would not otherwise be achieved outside of the classroom environment.
- Participation in multiple forms of co-curricular activities involving common interests of club members.
- Teamwork strategies through the use of various forms of service to each other, the community, the student body, and the school.

Days and Times of Club Meetings

Afterschool clubs will begin on Thursday, October 23, 2014 and can meet Tuesdays and/or Thursdays between the hours of 2:50 p.m. – 3:40 p.m. Please see the club descriptions below for the specific day and times each club will meet.

Cost

Participation in all afterschool clubs are free of charge. However, certain clubs may require purchasing of supplies, uniforms and/or competition fees. Such information will be communicated to you by the club sponsor.

Arrival/Dismissal

Students will report to the cafeteria at 2:45 p.m. on their club meeting days. The Cafeteria Monitor will stay with the children until the club sponsor arrives at 2:50 p.m.

Each club will have attendance books. Upon the students' arrival, the Cafeteria Monitor will take attendance and mark the students absent or present.

The students will be dismissed from their clubs at 3:40 p.m. The school has managed to arrange two school buses for transporting students. However, parents need to be aware that it may take longer time for students to reach their homes due to extended routes for these late buses.

If you would like to make your own arrangements for student pick up, please note that a student will only be released to parents or guardian(s) indicated in the student's file.

Club Selection

The school administration will make every effort to create equal opportunities for all students to participate in their desired club activity. However, we must inform you that we have limitations in terms of club size and transportation availability. Therefore, we will enroll students on first come, first serve basis. Once the club and school bus is full we will not be enrolling any more students.

I also would like to inform you that we will start our after school tutoring program simultaneously. Some students will be required to attend tutoring. If tutoring times will conflict with the club hours, the student will be required to attend the tutoring session as student learning remains our top priority.

Description of Clubs

Drawing is Fun

Leader: Ms. Wollmering and Ms. Prigge

Meeting days: Tuesday and Thursday

Room no: 119

Grade levels: 3 thru 6

Club Objectives:

- To teach students the fundamentals of drawing
- To learn to be creative
- To learn to pay attention to details
- To practice following step by step directions

Club Description:

This club will teach you the fundamentals of drawing. You do not need to know how to draw to join this club. We will do a wide variety of drawing projects and will incorporate some painting too. This will be a great opportunity to have fun and meet new friends.

Art Club

Leader: Ms. Moeller

Meeting days: Tuesday and Thursday

Room no: 116

Grade levels: 3 thru 6

Club Description:

Under the direct supervision of Ms. Moeller, the students will practice different forms of art. The focus will be on community art for areas within the school. Our goal is to enhance the beauty of the student's immediate community, the school, through projects which help the students develop their artistic skills. There's an APP for that!

Newspaper Club

Leader: Mrs. Richter

Meeting days: Tuesday and Thursday

Room no: Classroom 4A

Grade levels: 4 thru 6

Club Objectives:

- Use writing in a fun way creating articles, interviews, personal narrative
- Create a newsletter that others in the school can read and enjoy

Club Description:

Students can help write articles about MMSA field trips, teacher news, and any other ideas students

come up with. It is a fun way for students to take more ownership of their school and practice writing in a more relaxed way.

One Book, Two Book, Red Book, Blue Book

Leader: Ms. Kizer and Ms. Branson

Meeting days: Tuesday and Thursday

Room no: Classroom 1B or KB

Grade levels: K thru 2

Club Objectives:

- To encourage interest in reading
- To create life long learners and readers
- Create students who have important character development and life skills based on the books being read
- Have fun!

Club Description:

We will be reading a book each week that focuses on a number of different and important life skills or character development. This book will then be discussed and an applicable craft will be done to be displayed around the room or hallway. The craft will also give the students a chance at artistic freedom as well as allowing them the chance to show what they've learned from the book.

Young Architects

Leader: Ms. Wenborg and Ms, Bashir

Meeting days: Tuesday and Thursday

Room no: Classroom KA or 121

Grade levels: K thru 6

Club Objectives:

- Creating an original structure
- Develop fine motor skills
- Working with others
- Develop spatial reasoning
- Making patterns

Club Description:

Young Architects Club activities will explore the art, design and science aspects of architecture with fun experiments and hands-on creative sessions, looking at types of architecture from primitive huts to classical structures using Legos. It aims to inspire a new generation of potential architects. Above all we want the Young Architects' Club to be fun. Everyone who comes along will have the chance to get involved with creating and decorating their own buildings.

STEM Expo

Leader: Mr. Karayol

Meeting days: Tuesday and Thursday

Room no: Science Lab

Grade levels: 5 and 6

Club Objectives:

- Making experiments for stem expo and science fairs
- Participating in various science competitions
- Organizing field trips such as visiting science museum, science fairs.
- Bringing science to life, to show how science works, to emphasize problem solving aspects of science and the understanding of science concepts.
- Developing teamwork and cooperative learning strategies among students.
- Promoting high levels of achievement and a commitment to excellence, to demonstrate that students can perform at levels that surpasses expectations of even practicing scientists and engineers.

Club Description:

STEM Expo is a scientists' club that focuses on a wide range of science topics. The team will compete in various both regional and state tournaments. Students will study a variety of topics, build a range of projects, and practice lab techniques. Serious science-minded students who can commit to regular study and practice are needed.

Students use a variety of building materials (legos, blocks, connectors) to work together and create different structures. Students will sometimes work alone and sometimes with the whole group to build something together. Students may sometimes follow teacher suggestions for what to build, such as a favorite animal or a city, or may sometimes work on a project of their own.

To develop students' building skills, teachers will direct students on spatial reasoning, patterning, properties, etc. We also work on how to share and take turns using materials so students develop their social skills working together.

Robotix, First Lego League (FLL)

Leader: Mr Cevher

Meeting days: Tuesday and Thursday

Room no: Computer Lab

Grade levels: 5 and 6

Club Objectives:

- Work as a team under the guidance of a teacher and a practicing engineer.
- See firsthand how engineers turn ideas into reality.
- Apply knowledge to real world situations.
- Utilize communication skills by preparing a project and respond to a real world problem and a verbal presentation relating their experience to some specific engineering features.

Club Description:

Each year FLL teams embark on an adventurous challenge based on current, real-world issues. Guided by a team coach and assisted by mentors, the kids:

Research and solve a real-world problem based on the challenge theme, present their research and solutions, build an autonomous robot using engineering concepts using the yearly challenges. FLL entices kids to think like scientists and engineers, provides a fun, creative, hands-on learning experience, teaches kids to experiment and overcome obstacles, builds self-esteem and confidence, and inspires kids to participate in science and technology. No matter what the child's subject interest, FLL offers an opportunity for engagement. Whether it is by creativity, technology, or research, FLL dares kids to test, explore, expand, or completely change thoughts and approaches for different sciences each year. Every student will have a specific job to do in the team. Students who do not attend meetings more than twice without excuse or don't do the assigned work may be removed from the team.



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AFTER-SCHOOL CLUBS REGISTRATION FORM

Student's Name: _____ Grade: _____

Teacher: _____

I wish to enroll my child in the following club: _____

I understand this club meets from on Tuesdays and/or Thursdays from 2:50 p.m. till 3:40 p.m.

I am able to pick up my child before 4:00 p.m.

My child will use the school bus.

I have read over the After-School handbook. I give my permission for my child to participate in Minnesota Math & Science Academy's after school clubs.

Parent's Name (please print) _____

Parent's Signature _____