

**COLLEGES AND
UNIVERSITIES
ATTENDED BY MSA
GRADUATES IN THE
LAST 2 YEARS:**

University of Minnesota-Twin Cities
Hamline University
The University of Alabama-Huntsville
University of Minnesota-Duluth
Missouri State University
Century College
University of St. Thomas
North Dakota State University
Minnesota State University-Mankato
Dunwoody College of Technology
University of Wisconsin-Stout
University of Northern Iowa
Iowa State University
Drake
Bemidji State University
University of British Columbia
University of Wisconsin-Madison
St. Olaf College
St. Catherine's University
College of Saint Benedict
Marquette University
University of Chicago
Florida A&M University
Viterbo University
Gustavus Adolphus College
University of Kentucky
Lake Forest College
University of Wisconsin-River Falls
Winona State University
University of Montana Western
Earlham College
Coe College
Furman University
Purdue University
Georgia Institute of Technology
College of St. Scholastica
University of Utah
Cornell University
Syracuse University
University of Wisconsin-Eau Claire
Metropolitan State University
St. Cloud State University
University of Wisconsin-Milwaukee
University of St. Thomas
Michigan Tech
Luther College
University of Northwestern-St. Paul

2018-2019

Math and Science Academy Profile

**8430 Woodbury Crossing
Woodbury, MN 55125
651-578-7507
School Code: 242739
www.mnmsa.org**



About Us:

The Math and Science Academy (MSA) was Minnesota's top-ranked high school in the 2016-2017 school year.

We are an innovative charter school that is located in Woodbury, Minnesota. MSA is a tuition-free public school. We have a tradition of offering intense math and science experiences with the added distinction of providing creative and challenging opportunities in arts and humanities. Students are held to high standards in their academic work and their behavior, and they are expected to self-advocate to achieve these expectations. The students are expected to act responsibly towards their classmates, their teachers, the school staff, MSA family members, and themselves.

Our small school and small class sizes foster meaningful interaction among faculty, students, and parents while promoting an atmosphere of self-advocacy, accountability, respect, and responsibility.

School Day:

- Start time: 9:20 a.m. – End time: 3:50 p.m.
- 7 class periods with block scheduling on Thursdays and Fridays

Grades Served:

- Grades 6th-12th
- Approximately 520 students
- Student to Teacher Ratio= 17:1
- Size of Senior Class (Class of 2018): 54 students

Grading:

- 4.00 Scale
- Grades are not weighted

Admission:

- MSA is a public charter school and is open to any Minnesota student as a free public education.
- Registration is required, an application must be completed and submitted online for all prospective students in order to be considered.
- Once the open application period begins, families can apply online.
- MSA has waiting lists for most grades.

Director

John Gawarecki
jgawarecki@mnmsa.org

Counselor

Emily Graveen
egraveen@mnmsa.org



TEST RESULTS:

Average Composite ACT Score over the last 3 years:

2015-2016 → 27.4

2016-2017 → 27.7

2017-2018 → 26.4

Advanced Placement Scores from 17-18:

95 MSA students took 151 AP exams

% of students with a score of 3 or higher → 84%

MSA Average AP score → 3.57

MN state average AP score → 3.08

Average PSAT/NMSQT Scores 17-18:

9th grade → 1045/1520

10th grade → 1162/1520

11th grade → 1209/1520

(MN state average → 1125/1520)

National Merit Scholarship 17-18:

2 Finalist students

5 Commended students

* Students enter the National Merit program by taking the preliminary PSAT/NMSQT in 11th grade and meeting other program entry requirements.

Graduation Requirements:

English	4 years
Social Studies	4 years
Science	Biology, Chemistry & Physics
Math	Progression through Calculus I
Spanish	3 years of High School Spanish
Fine Arts	1 year (2 semesters)
Physical Education	Health and P.E. (1 semester each)

Advanced Placement (AP) Courses Offered:

AP Biology	AP Chemistry
AP Physics	AP Calculus AB
AP Calculus BC	AP Statistics
AP Psychology	AP Literature and Composition
AP Spanish Language and Culture	AP Studio Art

Post-Secondary Enrollment Options (PSEO):

Qualified sophomores, juniors and seniors may attend eligible Minnesota post-secondary institutions with tuition, fees and textbooks paid. Credits earned will be applied toward MSA graduation requirements and may be accepted as college credits.

Popular PSEO Institutions: U of M-Twin Cities, Century College, St. Paul College

Class Rank:

The Math and Science Academy does not officially recognize student class rank or Valedictorian status. Due to small class sizes and the academic rigor of our course work, we believe that class rank does not depict an accurate assessment of our students' potential.

Grading Scale:

A 93-100% = 4.00	A- 90-92.9% = 3.67	B+ 87-89.9% = 3.33
B 83-86.9% = 3.00	B- 80-82.9% = 2.67	C+ 77-79.9% = 2.33
C 73-76.9% = 2.00	C- 70-72.9% = 1.67	D+ 67-69.9% = 1.33
D 63-66.9% = 1.00	D- 60-62.9% = 0.67	F Below 60% = 0.00

* **NG (No grade)/R (Repeated) and transferred courses not included in GPA.**

Athletics & Activities:

* **MSA is a member of the Minnesota State High School League & Twin Cities Athletic Conference.**

Academic Triathlon	National Honor Society	African Club	Girls Badminton
Girls' Volleyball	Biology Club	Boys' Basketball	Computer Club
Debate	FIRST Robotics	Yearbook Club	Link Crew
Madrigal Choir	Math Team	Nordic Skiing	Cross Country
Newspaper Club	Boys' Soccer	Social Justice Club	Speech
Student Council	Track and Field	Trap Shooting	Girls' Soccer
Boys' Volleyball	Battle of the Books	Drama	Lego Robotics
Football	Girls' Basketball	Physics Club	GSA
Art Club	FRC	Earth Club	Spanish Club
Cinematography Club			

