

Maine School of Science and Mathematics

2018-2019 School Profile

The Maine School of Science and Mathematics (MSSM) was founded in 1995 by the Maine Legislature as a public, residential magnet school that serves talented and highly motivated high school students from across the state and around the world. For the 2018-2019 school year, MSSM serves 144 students in grades 9-12.

MSSM's academic year is divided into semesters with an additional January term providing opportunities for accelerated and specialty courses and internships.

Academic Rigor

Most courses at MSSM are taught at the college level, using college textbooks and curricular materials. MSSM has an agreement with The University of Maine at Presque Isle allowing students to receive college credit for a majority of MSSM courses that are taught beyond the AP level.

Advanced Placement courses are offered at MSSM in English Language & Composition, European History, Psychology, Calculus AB and BC, Statistics, Chemistry, and Physics C: Mechanics and Electricity & Magnetism.

MSSM students are motivated, talented and hard-working. In 2018 they took 141 Advanced Placement tests and demonstrated their mastery of college level material by achieving a mean score of 3.8 on the tests.

Grading is also done at the college level. Grades are not weighted despite the rigor of MSSM's curriculum and the demands placed on students.

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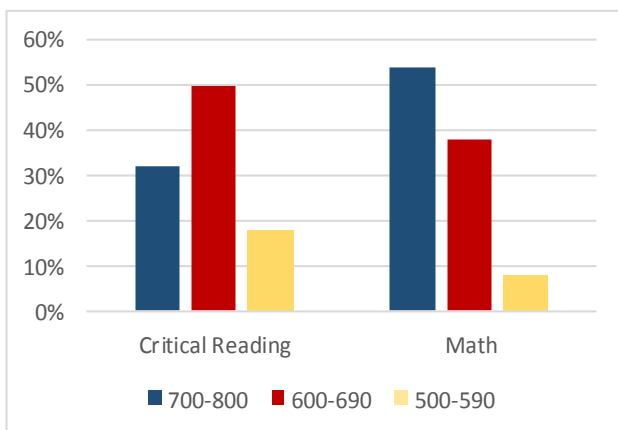
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5-year AP Test Average	Number Tested	Mean Score
Science	250	4.0
Math	241	4.1
Humanities	235	3.9
Total for All Subjects	726	4.0

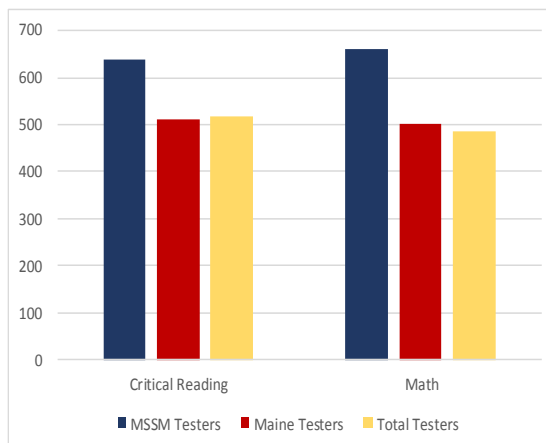


MSSM is ranked by U.S. News and World Report as the #1 public high school in Maine, #19 high school in the U.S., #6 Magnet School in the U.S., and the #10 Stem School in the U.S.

Percentages of Students in SAT Score Ranges, Class of 2018



2018 SAT MSSM Compared to the State & Total Population



A Learning Community

MSSM is located in the town of Limestone (pop. 2,300) in a rural area near the northern tip of Maine, less than two miles from the Canadian Border. The nearest city, Bangor (pop. 33,000), is a three hour drive from MSSM, and the biggest city in our state, Portland (pop. 66,000), is almost six hours away. With these longer drive times, it is difficult for MSSM students to make college visits. Therefore interviews are most commonly completed via video conferencing.

Activities at MSSM range from Astronomy Club and Art Club to VEX Robotics and Key Club. MSSM requires two hours per week of community service from students, such as tutoring, assisting faculty, or serving as residential assistants. To emphasize academic collaboration over competition, MSSM records neither GPA nor class rank. The school's small size, residential nature, and cooperative academic environment combine to create a very tight-knit community of scholars.

MSSM offers sports for dedicated student athletes who wish to meet the challenges of participating in sports in addition to their studies. Students may participate in cross country, soccer, track, Nordic skiing, and volleyball.

Distinctive Academic Features and Awards

- Admission to MSSM is highly competitive. In addition to their academic ability (measured by grades, teacher recommendations, a writing sample and test scores) our students are selected on the basis of maturity, motivation, and ability to contribute positively to the residential environment.
- In 2018-2019, the student teacher ratio is 9:1.
- The academic year includes a January term which gives students the opportunity for intensive interdisciplinary classes, research opportunities, and internships.
- 92% of faculty hold advanced degrees. Many have significant private sector experience and have studied extensively in their fields.
- In 2014 & 2015, MSSM students received recognition at the Intel International Science & Engineering Fair (ISEF).
- Out of 38 students in the class of 2019, 8 will receive recognition in the 2018 National Merit Scholarship Program.
- For the fourth consecutive year, the MSSM math team took first place in the Maine State Math Meet. Team Ivory also won the regular season championship in the Maine Association of Math Leagues
- MSSM requires two years of world language and two years of social sciences.

Matriculation Summary: Classes of 2017 and 2018

Allegheny College	Maine Maritime Academy	U. of Maryland, College Park
Boston College	Mass. Institute of Technology	University of Mass., Amherst
Boston University	McGill University	University of New England
Bowdoin College	Mercer University	U. of New Hampshire, Manchester
Carnegie Mellon University	Mount Holyoke College	University of Maine
Champlain College	New College of Florida	University of Maine, Farmington
Clark University	Northpoint Bible College	University of Maine, Presque Isle
Clarkson University	Rensselaer Polytechnic Institute	University of Pittsburg
Colby College	Rochester Institute of Technology	University of Southern Maine
Cornell University	Smith College	University of Utah
Eckerd College	Stevens Institute of Tecchnology	University of Wisconsin, Madison
Embry-Riddle Aeronautical University	Suffolk University	Virginia Tech.
Emory University	Suny Korea	Williams College
Harvey Mudd College	Swarthmore College	Wittenberg University
Kenyon College	Syracuse University	Worcester Polytechnic Institute
Lehigh University	Tufts University	