



MaST Community Charter School creates innovative pathways for students pursuing knowledge focused on Mathematics, Science and Technology. MaST was voted National Charter School of the Year in 2008. For the 2012-2013 school year, MaST was named the #1 Charter School in Philadelphia and ranked #30 out of 579 schools in the US News Top High School report. Located in the Far Northeast section of Philadelphia, students travel from all areas of the city to attend MaST. Students are selected based on a randomized lottery with a limited number of seats available for each grade level.

The school currently enrolls 1325 students in grades K through 12. Students come from all socioeconomic levels and represent many cultural and religious backgrounds. There are 101 students in the 2014 graduating class. Seventy-six full-time faculty and over twenty support staff members create an average student/teacher ratio of nearly 13:1. For the current school year, 34% of students receive Free or Reduced Lunch.

Academic Program

The High School program at MaST utilizes block scheduling and all students must take a full roster of four ninety-minute classes per semester. All high school students have access to cutting edge technology, including Promethean Board access in all classes, a Robotics Program, Media Center, four high school computer labs, mobile computer labs, engineering labs and iPads for all students.

Students are required to achieve 29.5 credits towards graduation including 5 credits in English, 4 credits in Social Studies, 4 credits in Science, 6 credits in Mathematics, 2 credits in Health & Physical Education, a minimum of 4 credits in Technology & 2 years of a Foreign Language. Honors and AP courses are offered in English, American History, Calculus, Biology and Psychology. MaST participates in dual enrollment programs with The University of Pennsylvania, Manor College and Community College of Philadelphia in which students have the opportunity to earn both High School and College credits.

Technology Classes Available

Introduction to Product Design	Product Design II
Robotics	Robotics II
Video I	Video II
3D Design & Animation	Programming & Web Design
Introduction to Engineering	Principles of Engineering
Exploring Design & Technology	Biotech

Advanced Placement

AP classes are currently available in English, US History, Calculus, Biology and Psychology. AP classes are available in open enrollment to students who have received a grade of 80 or higher in the pre-requisite class. Approximately 40% of the student population is enrolled in AP classes with students taking a total of 91 exams in 2013. Students who take AP average 2.2 tests before graduation with over 80% of them receiving a 3 or higher.

Score Total	5	4	3	2	1	Total
English Literature & Composition	0	5	18	6	0	29
Psychology	3	2	2	3	0	10
United States History	4	10	2	4	1	21
Calculus AB	6	6	2	2	2	18
Biology	1	4	5	3	0	13
Total	14	27	29	18	3	91

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GPA and Class Rank

A student's grade point average includes all subjects. AP, College, and Honors courses are weighted using the scale below. All students are eligible to receive First and Second Honors after their first semester in high school. MaST Community Charter School does not rank but rather provides students with honors at graduation based on their final GPA using the Latin Honors System of Summa Cum Laude, Magna Cum Laude & Cum Laude. Eligible students participate in National Honor Society for outstanding honor students.

Grades	GPA Points		
	General Education	Honors & Pre-AP	AP & College
93 - 100	4.000	4.600	4.800
90 - 92	3.667	4.200	4.400
88 - 89	3.333	3.800	4.000
83 - 87	3.000	3.450	3.600
80 - 82	2.667	3.060	3.200
78 - 79	2.300	2.600	2.780
73 - 77	2.000	2.300	2.400
70 - 72	1.667	1.900	2.000
0 - 69	0.000	0.000	0.000

Honors Distinctions	
First Honors	Between 90-100 in every class
Second Honors	Between 85-89 in every class

Honors Distinctions at Graduation	
Suma Cum Laude	3.9 and higher
Magna Cum Laude	3.61 to 3.89
Cum Laude	3.4 to 3.6

SAT and ACT Scores

The Class of 2013 had 40 students who took the SAT scoring an average combined score of 1523. Forty students took the ACT scoring an average Composite score of 23.0. MaST has continually scored about both the Pennsylvania and National Averages for both standardized college admissions tests.

SAT				
	Reading	Writing	Math	Total
MaST	511	518	494	1523
PA	491	480	514	1472
National	496	488	514	1498

ACT					
	English	Math	Reading	Science	Composite
MaST	21.1	23.5	23.6	22.3	23.0
PA	22.2	23.0	23.0	22.2	22.7
National	20.5	21.1	21.3	20.9	21.1

Clubs, Activities & Sports

MaST offers 8 varsity sports including boys' and girls' soccer, girls' volleyball, boys' and girls' basketball, baseball, softball and cheerleading. In addition to these offerings, MaST has teamed up with George Washington High School to offer additional sports unavailable at MaST.

Many extra-curricular activities are offered at MaST focusing on Technology, Community Service, Sciences and many more. Music extra-curriculars include: Guitar Ensemble, Pep Band and Upper School Choir. MaST also offers students opportunities to join clubs in areas such as: Astronomy, Dance, Cultural Awareness, Environmental Awareness, Drama, Garden, Bible, Film Appreciation & Newspaper. Students who are interested can also join Student Council.

Post-High School Decisions

MaST has had 100% graduation rate for 10+ years. Students attend various types of institutions including community colleges, state funded schools, private institutions and Ivy League schools. The class of 2013 will have 93% of the students attending a post-secondary education with most students (77%) attending a 4-year institution. 85% of the students will remain in Pennsylvania while 15% will travel outside of the state including 1 International student. The Class of 2013 was awarded \$7.5 million in scholarship to attend post-secondary education.

MaST Community Charter School is committed to assuring equal opportunity in educational programs and in employment practices regardless of race, color, religion, sex, age, national origin or handicap, in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973.