M/S/C
MATH SCIENCE COMPUTER PROGRAM
Livonia Public Schools

8900 Newburgh Road
Livonia, MI 48150
(734) 744-2650 Ext. 46967

Intent of M/S/C

The MSC program was founded in 1984 with the purpose of providing Livonia Public Schools students with an option of a high school concentration in mathematics, science, and computer science. Over its 42-year existence, the program's goals and commitment have remained the same: to provide an appropriately accelerated, integrated curriculum to academically talented students interested in math and science.

M/S/C Class of 2026 Profile

The MSC Class of 2026 profile includes the following:
Average GPA (weighted): 4.48
Collectively earned scores of 3 or higher on 353 AP Examinations
Scholarship value awarded to MSC Class of 2026: $5.2 million
4 National Merit Semi-Finalists
3 National Merit Finalists

M/S/C Courses and Curriculum

The MSC curriculum is designed for the academically talented student interested in math and science. All MSC students complete 8 semesters of mathematics courses, 11 semesters of science courses, and 4 semesters of computer science courses. The curriculum is designed to prepare students for the College Board Advanced Placement Exams in Biology, Chemistry, Computer Science Principles, Computer Science (A), Calculus (BC), Physics (Mechanics), Physics (Electricity and Magnetism), and Statistics. Students take their MSC courses as a cohort, providing a rich environment for academic and social relationships to develop. MSC courses are taught by a team of seven teachers, with one teacher for each course sequence in the sciences and computer science, and three teachers for the mathematics course sequence. This provides an opportunity for more individual student attention and academic continuity within the MSC program. In addition to their MSC courses, MSC students select core and elective classes available to all students at Churchill High School and have opportunities to take Advanced Placement courses in other curricular areas.

M/S/C Application and Selection

Students interested in the MSC program apply during the fall of 8th grade. The application process includes a letter of interest, testing in mathematics, science, reading, and a student essay, as well as two teacher recommendations. The applicants are screened by a selection committee. Thirty LPS 9th grade students enroll in the program each year. It is unusual for students to have the opportunity to enroll in the MSC program after the beginning of 9th grade.

Community

The Livonia MSC program is housed within Livonia Churchill High School, a comprehensive high school for grades 9-12. The city of Livonia, Michigan, is a suburb of 100,000 people and is located 25 miles northwest of Detroit. Livonia Public Schools is a school district of approximately 15,000 students, with three high schools, one career/technical center, three middle schools, three upper elementary schools, and 12 lower elementary schools. Alternative classrooms and programs for gifted and talented students are available for grades 1-12.