
MSC CURRICULUM

(effective beginning with the Class of 2023)

Livonia Public Schools provides an alternative magnet program which offers the opportunity for students to experience an appropriately accelerated and integrated curriculum in mathematics, science, and computer science. The curriculum of MSC is designed for the academically talented student who has a high interest in math and science. The content is taught at an accelerated pace and in greater depth.

Ninth Grade Courses

MSC ACCELERATED ALGEBRA 2 is a two semester Algebra 2 course with emphasis on problem solving techniques.

MSC AP COMPUTER SCIENCE PRINCIPLES is a two semester course which introduces students to the foundations of computer science. The course will follow the curriculum recommended by the College Board to prepare students to take the Advanced Placement Computer Science Principles Exam.

MSC CHEMISTRY is a two semester college preparatory chemistry course.

Tenth Grade Courses

MSC ACCELERATED ANALYSIS is a two semester course which includes topics in trigonometry, pre-calculus, and beginning calculus.

MSC AP COMPUTER SCIENCE A is a two semester course which follows the curriculum recommended by the College Board to prepare students to take the Advanced Placement Computer Science Exam.

MSC ACCELERATED GEOMETRY is a one semester course (1st semester) which includes the topics of a college preparatory geometry course at a faster pace. Students who have already completed geometry will instead take a one semester non-MS course.

MSC BIOLOGY is a one semester course (2nd semester) which begins the study of biology that will be continued in the AP Biology course.

Eleventh Grade Courses

MSC AP CALCULUS (BC VERSION)

MSC AP BIOLOGY

MSC AP PHYSICS (MECHANICS)

AP courses follow the curriculum recommended by the College Board to prepare students to take the appropriate Advanced Placement Exam. All of these courses are two semesters in length.

Twelfth Grade Courses

MSC ADVANCED TOPICS IN MATHEMATICS is a two semester course consisting primarily of the AP Statistics curriculum and topics in discrete mathematics.

MSC AP PHYSICS (ELECTRICITY AND MAGNETISM)

MSC AP CHEMISTRY

AP courses follow the curriculum recommended by the College Board to prepare students to take the appropriate Advanced Placement Exam. Both of these courses are two semesters in length.