



High School Progression (New Student Information)

We expect all students and families to understand the course progression at the Math & Science Academy and the rigor that goes along with these classes. Your child will receive several hours of homework each week for every one of these classes.

English

Students must have four years of English in the following sequence:

- Literature & Composition (9th grade) 1 year
- British World Literature (10th grade) 1 year
- 11th and 12th grade students must choose 2 full years of the following:
 - American Literature – 1 year
 - AP Literature and Composition – 1 year
 - Composition of Real Life – 1 semester and Research Writing – 1 semester

Please contact Mrs. Burggraaff at mburggraaff@mnmsa.org with any questions.

Health and Physical Education

Students must complete the following as a high school requirement:

- Physical Education (9th grade) 1 semester
- Health (9th grade) 1 semester

Contact Mrs. Molitor at mmolitor@mnmsa.org with any questions.

Math

Students must be on track to graduate at MSA and pass Calculus to graduate. All new students are required to take a math placement exam. A typical progression during high school looks like this:

- Algebra III (9th grade) 1 year
 - Pre-Calculus (10th grade) 1 year
 - Calculus (11th grade) 1 year
- OR
- Algebra II (9th grade) 1 year
 - Algebra III (10th grade) 1 year
 - Pre-Calculus (11th grade) 1 year
 - Calculus (12th grade) 1 year

Contact Ms. Williams at bwilliams@mnmsa.org with any questions.

Science

Students must have the following progression and meet three years of science and pass all classes to graduate:

- Biology (9th grade) 1 year
- Chemistry (10th grade) 1 year
- Physics (11th or 12th grade) 1 year

Contact Mrs. Howe at chowe@mnmsa.org with any questions.

Spanish

Students must fulfill three years of high school Spanish in a progressed chronological order. New students in grades 8 or above will need to take a Spanish exam for placement. Contact Mrs. Larson at klarson@mnmsa.org to schedule a placement exam.

Social Studies

Students must have four years of social studies in high school as a graduation requirement. The typical progression is as follows:

- Ancient World History (9th grade) 1 year
- Modern World History (10th grade) 1 year
- American History (11th grade) 1 year
- Political Science (11th or 12th grade) 1 semester
- Economics (11th or 12th grade) 1 semester

Please contact Mrs. Anderson at landerson@mnmsa.org with any questions.

MSA offers AP classes in all subject areas except Physical Education and Health. To learn more about the AP courses offered, please refer to MSA's course book on the MSA website under the "Parents" tab.