



## 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 (9<sup>th</sup> grade) 1 year
- British World Literature (10<sup>th</sup> grade) 1 year
- 11<sup>th</sup> and 12<sup>th</sup> 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](mailto:mburggraaff@mnmsa.org) with any questions.

### **Health and Physical Education**

Students must complete the following as a high school requirement:

- Physical Education (9<sup>th</sup> grade) 1 semester
- Health (9<sup>th</sup> grade) 1 semester

Contact Mr. Hellner at [ahellner@mnmsa.org](mailto:ahellner@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:

- |   |    |  |
|---|----|--|
| • Integrated III (9 <sup>th</sup> grade) 1 year |    | • Integrated II (9 <sup>th</sup> grade) 1 year   |
| • Pre-Calculus (10 <sup>th</sup> grade) 1 year  | OR | • Integrated III (10 <sup>th</sup> grade) 1 year |
| • Calculus (11 <sup>th</sup> grade) 1 year      |    | • Pre-Calculus (11 <sup>th</sup> grade) 1 year   |
|   |    | • Calculus (12 <sup>th</sup> grade) 1 year       |

Contact Mr. Langseth at [nlangseth@mnmsa.org](mailto:nlangseth@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 (9<sup>th</sup> grade) 1 year
- Chemistry (10<sup>th</sup> grade) 1 year
- Physics (11<sup>th</sup> or 12<sup>th</sup> grade) 1 year

Contact Mrs. Howe at [chowe@mnmsa.org](mailto:chowe@mnmsa.org) with any questions.

### **Spanish**

Students must follow the Spanish Course Progression on the flowchart in order to meet graduation requirements at MSA. New students with 1 or more years of experience in Spanish will need to take a placement exam. Please contact Mrs. Larson [klarson@mnmsa.org](mailto: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 (9<sup>th</sup> grade) 1 year
- Modern World History (10<sup>th</sup> grade) 1 year
- American History (11<sup>th</sup> grade) 1 year
- Political Science (11<sup>th</sup> or 12<sup>th</sup> grade) 1 semester
- Economics (11<sup>th</sup> or 12<sup>th</sup> grade) 1 semester

Please contact Mrs. Anderson at [landerson@mnmsa.org](mailto: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.***