

Springfield International Charter School

High School Gr. 9-12
Curriculum
for
Mathematics

2021-2022 School Year



Math Courses Offered 2021-2022

We will continue to offer all Math courses which we have in previous years to high school students.

Grade 9- Integrated Math I, Integrated Math I Honors, and Integrated Math I pull-out support.

Grade 10- Integrated Math II, Integrated Math II Honors, and Integrated Math pull-out support.

Grade 11- Integrated Math II, Integrated Math III, Integrated Math III Honors, and Integrated Math II pull-out support.

Grade 12- Integrated Math III, AP Calculus, AP Statistics, AP Computer Science Principles, Non-AP Statistics, and Integrated Math III pull-out support.

Textbook Changes for Next Year

- We are excited to use a new text series for Math and conducted an extensive search.

New Math Text Series: Envision Integrated Math Series by Pearson

- We searched 6 text companies to see which Math series would best fit our students, teachers, curriculum and goals.
- We enthusiastically decided on ***Envision Integrated Math Series by Pearson.***



enVision Integrated
MATHEMATICS I

Reasons for Selecting Pearson

- 1) Pearson allows us to continue to teach an integrated model of Math, in which both Algebra and Geometry, which is very helpful for students and teachers as they prepare for MCAS success.
- 2) Pearson fully meets Massachusetts State Frameworks and curriculum expectations. This is helpful not only at the sub-MCAS and MCAS levels but also at the post-MCAS levels in the case a student needs to complete an Educational Proficiency Plan (EPP).
- 3) The book is very interactive for students and starts each lesson with an interesting “hook” and reviews previous foundational skills.

Reasons for Selecting Pearson

- 4) The problem selection is diverse, targeting weaker, average, and advanced Math students as well as differentiating for different types of learners.
- 5) The texts are rigorous and provide ample review at the same time. They also focus heavily on the practical application of a piece of Mathematics to help students gain deeper conceptual knowledge .
- 6) The texts provide students many practice MCAS questions and strategies as well as online access.

