



Allegiance STEAM Academy Math Placement: Accelerated Middle School Math, Integrated Math Pathway Policy

Background

Middle grade mathematics experiences are pivotal not just because of the content students are learning and the mathematical practices they are honing, but also because this is a critical period in the development of their attitudes toward math and perceptions of themselves as math learners.

- Mathematics Framework, Chapter 7, p. 3, Adopted by the State Board of Education on July 12, 2023

Allegiance's mathematics program is designed to establish a strong foundation in the content and conceptual knowledge of the State Standards that adequately prepares students for success in high school mathematics and beyond. Whether students are on a traditional or accelerated pathway in mathematics, all learners deserve a means to develop positive perceptions of themselves as math learners.

In recognition that some learners will move more quickly through the math curriculum without sacrificing a depth of knowledge, Allegiance STEAM Academy offers access to the first year of high school level math, Integrated Mathematics 1, for students who are clearly ready for more challenging content. This document describes the placement criteria and options for Accelerated Math at Allegiance.

Math Placement

End of 6th Grade

Math 7 (non-accelerated) follows 6th grade mathematics. At the end of 6th grade, students may demonstrate readiness for an accelerated, or compacted, 7th grade math course based on multiple measures. *Compacted* means to compress content and complete it at a faster pace; it does not mean to skip content. The following criteria will be reviewed when considering a student for readiness of Accelerated 7th Grade Math:

- 6th grade math California Assessment of Student Performance and Progress (CAASPP) score
- 6th grade math course evaluation
- 6th grade Math NWEA MAP Scores
- Assessment of Preparedness for 7th Grade Mathematics¹ and/or

¹ From CSU/UC Mathematics Diagnostic Testing Project, <https://mdtp.ucsd.edu/>



- Assessment of Preparedness for 8th Grade Mathematics²

A checkpoint within the first month of the school year will ensure accurate placement of students in their scheduled math course. At this time, a reevaluation of individual pupil progress may permit a student's math placement to change.

End of 7th Grade

Students may demonstrate readiness for Integrated Math 1 at the end of Traditional Math 7 or Accelerated Math 7 based on multiple measures. Integrated Mathematics 1 follows proficient completion of Accelerated Math 7 (80% or higher). The following criteria will be reviewed when considering a student for placement in Integrated Math 1:

- Proficient completion of Accelerated Math 7 (80% or higher); or
- 7th grade math California Assessment of Student Performance and Progress (CAASPP) score
- 7th grade math course evaluation
- 7th grade Math NWEA MAP Scores
- Math 1 Readiness placement test³ score

A checkpoint within the first month of the school year will ensure accurate placement of students in their scheduled math course. At this time, a reevaluation of individual pupil progress may permit a student's math placement to change.

Parents or legal guardians may contact the school principal with any questions or a disagreement regarding their student's math placement.

Accelerated Math 7

Accelerated Math 7 is a course that contains content from 8th grade math that demands a faster pace for instruction and learning. It is designed to prepare students for Integrated Mathematics 1 in 8th grade. Accelerated Math 7 may be taught alongside non-accelerated (traditional) Math 7 (in the same classroom), with opportunities for targeted instruction and independent practice at a faster pace.

² From CSU/UC Mathematics Diagnostic Testing Project, <https://mdtp.ucsd.edu/>

³ From CSU/UC Mathematics Diagnostic Testing Project, <https://mdtp.ucsd.edu/>