

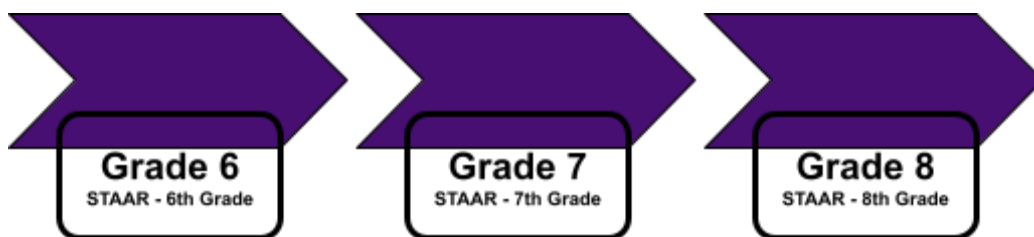


Sanger ISD 6-8 Math Pathway Information

Information for Parents and Students

6 - 8 Math Pathway

The typical mathematics course path for a student in middle school is:

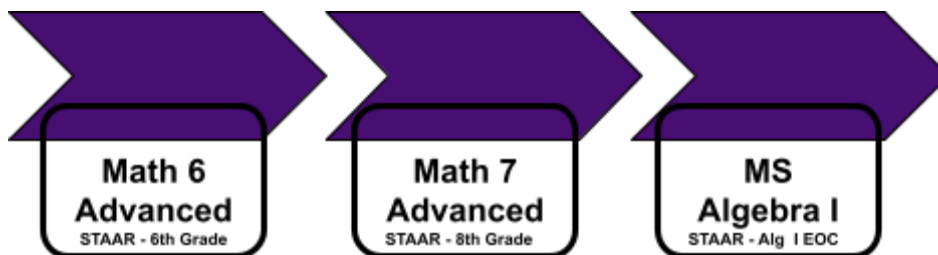


Math courses in middle school meet the grade level standards for each course:

Sanger ISD Course	Course Content
Math 6	All 6th Grade Math TEKS
Math 7	All 7th Grade Math TEKS
Math 8	All 8th Grade Math TEKS

6 - 8 Advanced Math Pathway

Some middle school students may be prepared to study mathematics at an accelerated rate. Sanger ISD's advanced mathematics courses in middle school provide students with both acceleration and enrichment. The advanced math pathway in middle school is:



Advanced math courses in 6th and 7th grade address three years of math content during the two-year period:

Sanger ISD Course	Course Content
Math 6 Advanced	Advanced Math TEKS by Grade Level
Math 7 Advanced	
MS Algebra I	

Transitioning to Advanced

The teacher, student, or parent can request that a student transition to the advanced mathematics pathway. Regardless of who initiates the request, it is important for the campus to first confer with any student desiring this transition. This informal conference should include the teacher, student, parent, counselor, and/or administrator and should consist of a discussion on the differences in courses, the course pathways to HS math, and the steps the student will need to take in order to make the transition to advanced. For middle school students, Sanger ISD offers Exams for Acceleration (EA) for both Math 6 Advanced & Math 7 Advanced, which each assesses the TEKS aligned to each of these courses.

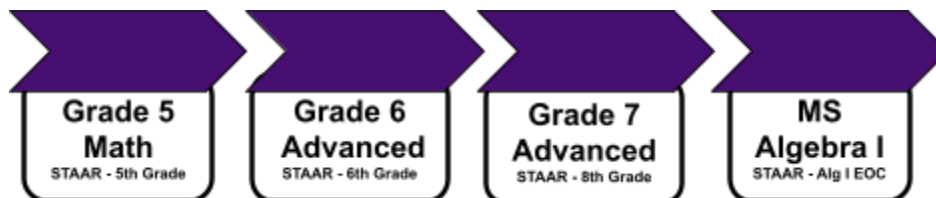


Important Consideration:

HS math courses completed in MS for HS credit are NOT included in the high school GPA calculation. Students are expected to take four years of math while in high school beyond any high school math credits earned in middle school. (For example, students who earn MS Algebra I credit while in middle school will take **FOUR** additional math courses while in high school, such as a level of geometry, a level of Algebra II, Precalculus, AP Calculus, or AP Statistics.

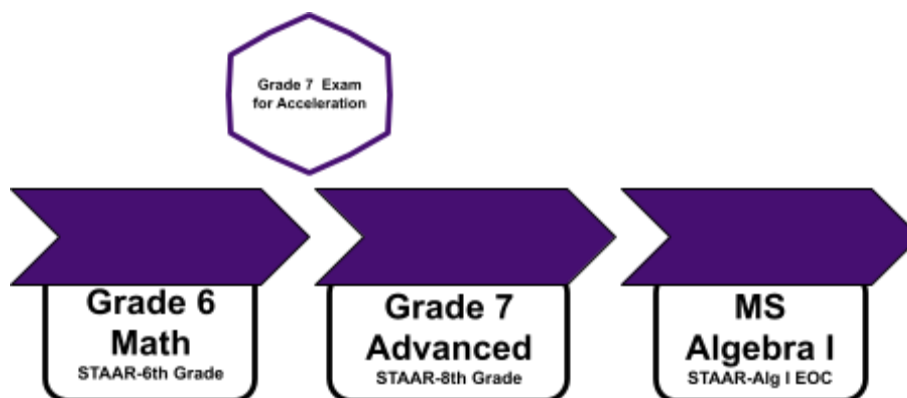
5th GRADE MATH → MATH 6 Advanced

Any student who scores in the top 40% statewide on the STAAR Grade 5 Math Assessment or places in the top 40% under a local measure based upon demonstrated proficiency must be automatically enrolled in a middle school advanced mathematics program.






MATH 6 → MATH 7 Advanced

Students can choose to enter the advanced pathway at the end of their 6th-grade year. However, students transitioning from Math 6 to Math 7 Advanced will have missed one-third of the content taught in the Math 6 Advanced course, so they are required to take the Math 7 Exam for Acceleration (EA) prior to the start of 7th grade to demonstrate their understanding of the bridge material.



Grades 6-8 Math Advanced Course Criteria Matrix

Acceleration Options		Recommended and Required Criteria		
Completed Course	Destination Course	ASSESSMENT	STAAR Performance Level	GRADES in MATH CLASS
5th Grade	6th Grade Advanced	 Places in the top 40% under a local measure based upon demonstrated proficiency must be automatically enrolled in a middle school advanced mathematics program. or	Any student who scores in the top 40% statewide on the STAAR Grade 5 Math Assessment	
6th Grade	7th Grade Advanced	 IXL Snapshot score of 670 or higher is recommended; 7th Grade Math exam for Acceleration test score of 80% or higher is required	A performance level of Masters on the 6th grade math STAAR test is recommended	Average grade of 90% or higher is recommended
7th Grade	MS Honors Algebra I	 IXL Snapshot score of 820 or higher is recommended 8th Grade Math exam for Acceleration test score of 80% or higher is required	A performance level of Masters on the 7th grade math STAAR test is recommended	Average grade of 90% or higher is recommended

Level changes from advanced to regular math: Course level changes may be requested during the following window (6th through 9th week of the first grading period) or at the end of the Fall semester for each course that offers a different level of the same course and again can be considered before the start of the second semester. A change may be made if the student has demonstrated a significant effort to do well in the class (attending tutorials, no zeros in class, provided retesting opportunities, etc.) and if there has been verified parent/teacher/student communication. If a level change is made, all grades will transfer with the student and eligibility will not be adjusted. All level changes must be approved by an administrator. Students are encouraged to take academically rigorous classes every year.

Students enrolling during the semester: Students enrolling after the start of the school year will be placed in the class that aligns with the previous course taken at their former school.