

Compacted Math

FAQs & Guidelines

What is Compacted Math?

Compacted Math is a rigorous and fast-paced course that covers all of 6th and 7th grade math curriculum in one school year. Students signing up for Compacted Math should have a strong foundation in mathematics, a love for the subject, and exhibit self-initiative and motivation in their studying and work habits. Students in this course are expected to maintain an 80% average or higher to remain in the course.

Which STAAR test will Compacted Math students take?

Students enrolled in Compacted Math will take the 7th grade STAAR test.

What should my child expect in terms of outside work?

Students in Compacted Math should expect some form of daily homework or practice, and will usually be given time in class to begin working on it. Students should expect that multiple concepts will be presented within a class period. It is recommended that students also review notes, complete practice problems, regularly attend tutorials/Study Hall and/or watch video lessons on the days they do not have math to ensure they are retaining the content from week to week.

What is the purpose of Compacted Math?

This course is for students interested in accelerating one grade level in math. Students who successfully complete this course will take Pre-Algebra in 7th grade. *Please note, this is not the only option for acceleration. There are options for acceleration in future years if this is not the appropriate time for your child.*

How do I know if my child is eligible to enroll in Compacted Math?

Compacted Math is only available to students who meet the following criteria:

- Student made "Masters" on their 5th grade Math STAAR test in April
- Student scored a "HiAvg" or "Hi" score on their end-of-year 5th grade Math MAP Growth assessment.

Students who only meet one of the criteria above will only be placed in Compacted Math upon a review of their criteria by the committee and a 90% on an additional assessment (Compacted Math Screener). New DSISD students who are interested in taking Compacted Math will also take the Compacted Math Screener to determine eligibility for this acceleration opportunity.

As with any other Pre-AP class, it is recommended that your child is accomplished in the following areas:

Math Skills (Prerequisites)	General Skills/Attributes
<ul style="list-style-type: none">• Automaticity of math facts• Fluency of long division and multi-digit multiplication• Place value out to the thousandths• Thorough understanding of fractional representations, how to find equivalent fractions, how to simplify fractions, and how to add/subtract fractions with unlike denominators• Thorough understanding of decimal representations and how to add/subtract decimals	<ul style="list-style-type: none">• Strong organizational and time management skills• Consistently completes assignments on time and to the best of their ability• Self-directed, takes initiative, and advocates for their own learning• Excellent attendance (paired with strong responsibility to catch-up on material missed while absent)• Ability to grasp complex concepts and retain material• Most importantly, students should have a passion for the subject!