

Dear families,

We would like to share information about the two general education math course options available for seventh grade: **Math 7** and **Accelerated Math 7**. Students will automatically be placed in **Math 7**. However, families may choose to self-select their child into **Accelerated Math 7**, after considering the information provided below.

Course descriptions

- **Math 7:** Students learn the 7th grade Michigan Math Standards.
- **Accelerated Math 7:** Students learn the 8th grade Michigan Math standards.

The [math learning pathways](#) document shows the future math courses students can take based on their placement in either Math 7 or Accelerated Math 7.

Important Considerations for Accelerated Math 7

Please be aware that Accelerated Math 7 is a more rigorous course, covering higher-level math concepts. This may require students to dedicate additional time and effort to succeed. It's possible that students in this course may receive grades that are lower than what they typically earn, especially as they adjust to the more challenging content. To be fully prepared to learn 8th grade concepts, students must have fully mastered the 7th grade standards.

To be successful in Accelerated Math 7, students need to have mastered the following 7th grade concepts:

- Adding, subtracting, multiplying, and dividing positive and negative fractions and decimals
- Simplifying, adding, subtracting, and factoring expressions
- Solving multi-step equations with variables on the same side
- Solving and graphing two-step, one-variable inequalities
- Representing proportional relationships using tables, graphs, and equations
- Using percentages to solve real-world problems (e.g., markups and discounts)
- Calculating theoretical and experimental probability
- Statistically comparing populations through random sampling
- Finding the circumference and area of a circle

Please note that teachers will not be expected to reteach 7th grade content or provide extensive individual tutoring. Students who opt for Accelerated Math 7 should already be confident in these foundational skills.

Suggested Criteria

We have included criteria below to help families determine if Accelerated Math 7 is the right choice for their child. Families who are considering Accelerated Math 7 should complete the table below using your child's assessment scores, 6th grade math course, and the [disposition inventory](#) scores. Students who are ready for Accelerated Math 7 should be scoring at the levels indicated in the table.

	State or Standardized Test Score	Normed Diagnostic Assessment ex. iReady	6th Grade Math Course	Student Disposition Inventory Score	Parent/Caregiver Inventory Score
Your Child's Score					
Expected Score for an Accelerated Student	Advanced	At or above 90th percentile OR 7th grade level	Advanced OR Accelerated OR Honors	45 or higher	28 or higher

If, after reviewing this information, you determine that **Math 7** is the most appropriate placement for your child, no further action is required, and your child will be automatically enrolled in Math 7.

If you believe **Accelerated Math 7** is the best fit for your child, please contact your child's counselor with their scores from the table above or documentation of any previous course where they learned 7th-grade math. Once this information is provided, the counselor will ensure your child is enrolled in Accelerated Math 7 when scheduling their classes.

Sincerely,

RCS Curriculum Department

Available Study Materials for Accelerated Math 7

- [Khan Academy 7th Grade Course](#)
- [IXL 7th Grade Skills](#) - paid subscription
- [Big Ideas Modeling Real Life Grade 7 Textbook](#)