Dear families,

We would like to share information about the two general education math course options available for sixth grade: **Math 6** and **Accelerated Math 6**. Students will automatically be placed in **Math 6**. However, families may choose to self-select their child into **Accelerated Math 6**, **<u>after considering the information provided below.</u>**

Course descriptions

- **Math 6**: Students learn the 6th grade Michigan Math Standards.
- **Accelerated Math 6:** Students learn the 7th grade Michigan Math Standards with supplements of 6th grade standards when needed.

The math learning pathways document shows the future math courses students can take based on their placement in either Math 6 or Accelerated Math 6.

Important Considerations for Accelerated Math 6

Please be aware that Accelerated Math 6 is a more rigorous course, covering higher-level math concepts. This may require students to dedicate additional time and effort to succeed. **To be prepared to learn 7th grade math concepts, students must have fully mastered the 5th grade standards.**

<u>To be successful in Accelerated Math 6, students need to have mastered the following elementary concepts</u>:

- Fluency with multiplication facts up to 12
- Traditional algorithm for multiplying whole numbers
- Place value and rounding
- Add and subtract decimals
- Simplify fractions
- Convert between mixed numbers and fractions
- Add, subtract, multiply fractions and mixed numbers
- Area of rectangles and perimeters of polygons

Please note that teachers will not be expected to reteach 5th grade content or provide extensive individual tutoring. Students enrolling in Accelerated Math 6 should already be confident in these foundational skills.

Suggested Criteria

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

	State or Standardized Test Score **ex. 4th grade MSTEP**	**Normed Diagnostic Assessment ex. iReady**	**5th Grade Math Classroom Assessments**	**Student Disposition inventory Score**	**Parent/Caregiver Inventory Score**
Your Child's Score					
Expected Score for an Accelerated Student	Advanced	At or above 85th percentile OR end of 5th grade level	Highest Level Score ex. "A" Grade	45 or higher	28 or higher

If you determine that **Math 6** is the best placement for your child, **no further action is required**—students will automatically be enrolled in Math 6. If you choose **Accelerated Math 6**, **complete the Accelerated Math 6 enrollment form and email your child's counselor.** Once both steps are completed, the counselor will place your child in Accelerated Math 6 during scheduling, if space is available.

Sincerely,

RCS Curriculum Department

Optional Study Materials for Accelerated Math 6

- Khan Academy 5th Grade Course
- IXL 5th Grade Skills - paid subscription
- Big Ideas Modeling Real LIfe Grade 5 Textbook