

Rebecca Caldwell**Jennifer Cory****Math Curriculum**

DATE: June 1, 2022

TO: Shalonda Owens, Cooper Upper Elementary
Thomas Traub, Johnson Upper Elementary
Kristyn Cousino, Riley Upper Elementary
Kevin English, Emerson Middle School
Shanan Wheeler, Frost Middle School
DeAnn Urso, Holmes Middle School
Lora Boka, Webster Elementary School

FROM: Rebecca Caldwell, 7-12 Math and Science Curriculum Coordinator
Jennifer Cory, K-6 Curriculum Coordinator

SUBJECT: Textbook Recommendations for Grade 5-8 Math

This memo recommends the adoption of *MidSchool Math* digital and consumable journal for Grades 5-8 math. The details below provide more information about the adoption process and information to support the recommendation.

Committee Members

Emerson: Cathy Greig, Anne Cibor, Julie Kaniewski
Frost: Colleen Fitzpatrick, Linda Kowalske, Beth Polinsky
Holmes: Toni O'Connor, Lisa Moody, Lori Carlton
Cooper: Shawn Webster, Victoria Estes
Johnson: Dawn Piper, Rhonda St. Aubin
Riley: Shana Ramsey, Kelly McDonald
Webster: Jackie Vine, Theresa Macek

Recommended Materials for Adoption

MidSchool Math print and digital materials from Core Curriculum.

Cost proposal is attached.

Summary of Course(s)

MidSchool Math is for all Grade 5, 6, 7, Accelerated 7, and 8 students.

Overview

Currently Grade 5 teachers use Everyday Math. Grade 6,7,8 teachers use Big Ideas and Accelerated 7 teachers use a Pre-Algebra textbook. Moving forward the recommendation is that LPS approve one series, MidSchool Math, that can meet the needs of all students in grades 5 through 8.

Evaluation Process

The committee of middle school and upper elementary teachers began with a search of EdReports for a math resource that was rated green for all four grades. It was challenging to find an elementary and middle school math curriculum from the same publisher that was rated green for four all grades. This search presented four options for the committee, *Into Math*, *Envision*, *Ready Math* and *MidSchool Math*. The committee met with representatives from all four potential resources to learn more about the programs. After evaluating each

resource using the committee created rubric, the top three resources, *Into Math*, *Envision*, and *MidSchool Math* continued to the pilot phase.

Shared Vision

In LPS we have a vision for grade 5-8 math classrooms in which students are reflective problem solvers with a positive math identity. In our math classrooms students are engaged in purposeful discussions, productive struggles and thoughtful practice to increase both conceptual and procedural fluency. Teachers support student learning through the use of assessing and advancing questions in a curriculum that provides rich, math tasks that have multiple entry points for students and can be solved in a variety of ways.

Evaluation Criteria

We evaluated the textbooks using a rubric with the following criteria:

- Alignment to Michigan State Standards/ Common Core
- Math Coherence and Rigor for ALL students
- Balance of skill development, conceptual understanding, and rich math tasks
- Reflect the needs and diversity of LPS students
- Offer reteaching and extensions opportunities
- Discourse, engagement, critical thinking
- Assessment (formative and summative)
- Digital platform/ Student paper journal

Textbooks Considered

Into Math (HMH)

Envision (Savvas Learning)

MidSchool Math (Core Curriculum)

Ready Math (Curriculum Associates)

Independent Evaluation

As the 2021-22 school year began, fifth and sixth grade teachers were willing to pilot all three materials this year but middle school teachers felt that it was too much to do. Middle school teachers participated through pilot debriefs and textbook presentations from the publishers. It was agreed that they would support the recommendation of the fifth and sixth grade pilot. Webster accelerated math classroom piloted all three resources using middle school materials. As fifth and sixth grade teachers began to learn about the research based ways that MidSchool Math presented content, I taught lessons at each middle school so there would be an opportunity for teachers and students to experience the program.

Evaluation Rubric Outcome

The results of the rubric that was created by the committee prior to piloting, including the middle school teachers, showed the program, MidSchool Math, to be the frontrunner. This resource was chosen unanimously because of its ability to engage students, promote mathematical discussion, and present real problem solving opportunities. MidSchool math is also the only curriculum to receive a perfect score with EdReports in all categories.

Student Response

Students favored MidSchool Math over the other programs. Over 80% of the students said that MidSchool Math gave them opportunities to think about math and improve my math skills. This was 10% higher than either of the other two resources considered in the pilot.

Professional Development Needs

MidSchool Math provides several PD opportunities and resources. A full PD in the fall is for instructional PD and platform navigation. MidSchool Math will be on site two additional days during the 2022-23 school year and additionally provide several virtual opportunities after school throughout the year.

For additional information on the adoption recommendation, contact Rebecca Caldwell at x42144.

CC

Theresa O'Brien

Dan Willenborg

MS Math Department Chairs

Grade 5-6 Math Leaders