CENTRAL
UNIT SCHOOL DISTRICT 301

MEMORANDUM

FROM: Shayne Birkmeier, Director of Curriculum EC-8

TO: Board of Education, Dr. Griff Powell, Interim Superintendent, & Dr. Kyle Schumacher, Interim Superintendent

CC: Kim Lewis, Theresa Kolkebeck, Marilyn Mattei, Erica Snyder, Matt Newquist, Alex Paszt

DATE: April 21, 2025

RE: K-5 Math Textbook Adoption

As shared last month, we are recommending that the Board approve the adoption of a new math curriculum for our elementary students. Below is a revised breakdown of the costs, as we were able to negotiate lower prices for our manipulative kits.

Textbook for K-5 Math - total cost: $602,622.02

Materials and professional learning: $577,908.50 + $24,713.52 (shipping) = $602,622.02

i-Reading Classroom, i-Ready, and Educator Resources:

- Kindergarten - $79,184.00
  - Student Worktext with digital access + i-Ready personalized instruction + Teacher Guide with digital access (5 years) - $72,800.00
  - Math Student manipulative kit - $6,384.00
- Grade 1 - $81,232.00
  - Student Worktext with digital access + i-Ready personalized instruction + Teacher Guide with digital access (5 years) - $73,248.00
  - Math Student manipulative kit - $7,984.00
- Grade 2 - $84,025.00
  - Student Worktext with digital access + i-Ready personalized instruction + Teacher Guide with digital access (5 years) - $75,040.00
  - Math Student manipulative kit - $8,985.00
- Grade 3 - $88,281.00
  - Student Worktext with digital access + i-Ready personalized instruction + Teacher Guide with digital access (5 years) - $79,296.00
  - Math Student manipulative kit - $8,985.00

- Grade 4 - $100,007.00
    - Student Worktext with digital access + i-Ready personalized instruction + Teacher Guide with digital access (5 years) - $89,824.00
    - Math Student manipulative kit - $10,183.00

- Grade 5 - $110,679.50
    - Student Worktext with digital access + i-Ready personalized instruction + Teacher Guide with digital access (5 years) - $99,897.50
    - Math Student manipulative kit - $10,782.00

- Professional Services - $34,500.00
    - Professional Learning Session SY26 - 4 @ $2,300.00 = $9,200.00
    - Professional Learning Session SY27 - 4 @ $2,300.00 = $9,200.00
    - Professional Learning Session SY28 - 3 @ $2,300.00 = $6,900.00
    - Professional Learning Session SY29 - 2 @ $2,300.00 = $4,600.00
    - Professional Learning Session SY30 - 2 @ $2,300.00 = $4,600.00

Rationale:
The elementary SAC math team has been looking for new math textbooks over the course of the 2024-2025 school year. The K-5 math SAC team underwent a textbook review from several textbook companies and have determined that i-Ready Classroom best fits the needs for the K-5 team.

About the textbooks:
i-Ready Classroom Mathematics is a comprehensive, research-based program designed to support student learning through a balance of conceptual understanding, procedural fluency, and application. Key components of the program include:

1. **Student-Centered Learning** – Lessons are designed to promote active engagement, collaboration, and problem-solving, aligning with best practices in mathematics education. The given tasks work nicely alongside our recent push and implementation of the basic practices of Building Thinking Classrooms. K-1 students are provided with centers directly tied to grade level standards allowing for building independence and spiraling of instructional materials through the structure of play.
2. **Diagnostic and Personalized Instruction** – The program includes an adaptive diagnostic assessment that identifies individual student needs and provides targeted instruction (My Path) to close learning gaps and extend learning. Students will work on this personalized instruction around ten minutes a day. This is meant to complement, not replace, the work that is done with the teacher and students in consumable workbooks and hands-on activities.

3. **Discourse-Driven Lessons** – Instruction emphasizes mathematical discussions, encouraging students to articulate their reasoning, critique others' thinking, and build deeper understanding. Language models, use of manipulatives for modeling mathematics, and collaborative approaches are embedded within day to day lessons to help students build their precise mathematical language skills.
4. **Real-World Application** – Problems are embedded in meaningful contexts, ensuring students can apply their learning to real-life situations, reinforcing the relevance of mathematics.
5. **Data-Driven Decision-Making** – Teachers receive actionable data to inform instruction, differentiate learning, and support student progress. This data comes in the form of prerequisite reports to ensure that all students are prepared to engage in grade level mathematics, as well as comprehension checks to ensure students are secure in learning the grade level material.
6. **Embedded Supports for All Learners** – Scaffolding, strategic questioning, and differentiated resources ensure accessibility for diverse learners, including students who need a challenge, English learners and students in need of extra support.

These components work together to foster mathematical proficiency, critical thinking, and a growth mindset, ultimately preparing students for success in higher-level math and real-world problem-solving.