



NORTH IOWA COMMUNITY SCHOOL

Linking Students with Success

Mathematics HQIM 2025-2026

At North Iowa Community School District, we believe that mathematics is the engine for critical thinking and problem-solving. Conceptual understanding, procedural skill, and application are essential competencies that open doors to academic success and innovation. From our youngest learners building number sense and exploring patterns, to our high school students analyzing complex functions and modeling real-world phenomena, our goal is to help every student become confident, capable, and thoughtful mathematical thinkers.

To support this mission, we use High Quality Instructional Materials (HQIM) that are research-based, standards-aligned, and designed to meet the diverse learning needs of all students. Through our Formative Assessment Instructional Process we determine what is essential based on the Iowa Core Standards. These programs provide a consistent framework for instruction while allowing teachers flexibility to meet students' current knowledge and skills.

High-Quality Instructional Materials:

- Build Knowledge and skills in a coherent, developmentally appropriate sequence.
- Provide teachers with strong instructional support and strategies.
- Ensure consistency, equity, and rigor across all classrooms.

Our selected HQIM resources support systematic, explicit mathematics instruction—including number sense, operations and algebraic thinking, geometry, measurement, and data analysis—while engaging students with rich tasks and authentic problem-solving experiences.

Below, you'll find the list of the High-Quality Instructional Materials currently used in our district. Each title includes the publisher's website where you can learn more about the program's structure, instructional approach, and resources available for families.

K-5

Core

Illustrative Mathematics 360: [Website](#)

Supplemental Materials

SOAR

IXL: [Website](#)

6-12

Core

Illustrative Mathematics 360: [Website](#)

Supplemental materials:

IXL: [Website](#)

Delta Math: [Website](#)

Amplify: [Website](#)

These materials guide daily instruction and ensure that every student receives engaging, evidence-based, and standards-aligned mathematics learning opportunities. Together, these resources help teachers foster a love for mathematics while building the skills students need to succeed in STEM fields and beyond.

If you have any questions or would like to learn more about the instructional materials we use, please don't hesitate to reach out. We value your partnership in supporting student learning.

Samantha Lampman

Director of Curriculum and Instruction

Email: samantha.lampman@northiowa.org

Phone: (641)562-2525