

TO: Board of Education

FROM: Melissa Murphy, Assistant Superintendent for Educational Services

CC: Dr. Jeff Schuler

DATE: April 13, 2022

SUBJECT: Middle School Math Instructional Materials

This memo serves as an overview for the Vision 2022 work plan update on 6-8 Mathematics. This year, mathematics teaching and learning has been prioritized in the learning acceleration plan. This is because skills and concepts build upon one another, making it challenging to master new content and skills. One method to address learning acceleration is to adopt high-quality, standards-aligned instructional materials. Instructional materials support learning acceleration in the following ways:

- 1) Creates a strong coherence within a grade level and between grade levels
- 2) Provides teacher support that is aligned to best practices in instruction
- 3) Ensures long-term success by advancing learning and improving achievement for all students

The timeline outlined below serves as an overview of the process to adopt a new mathematics instructional resource for grades 6-8.

Dates	Description of Task
August 2021 - January 2022	<p><b>Research</b>  <i>Math coaches researched best practices from the National Council of Teachers of Mathematics and reviewed instructional materials. Ed Reports is a tool that is used to review instructional materials. Pilot materials selected based on this research. Two resources were selected for our organization to pilot. They are Illustrative Mathematics and Into Math.</i></p>
February - June 2022	<p><b>Planning and Preparation</b>  <i>Prepare for the pilot with pacing guidance and professional learning for staff. Update the Board of Education on the pilot and adoption process.</i></p>
August - December 2022	<p><b>Pilot</b>  <i>Teachers will pilot two instructional materials. Quarter 1, Illustrative Mathematics will be piloted. Quarter 2, Into Math will be piloted. Each school has multiple teachers piloting. All teachers within a grade level Professional Learning Community (PLC) have committed to the pilot to ensure the PLC can address students needs based in a collective manner. Math coaches will provide support to staff during the pilot. Pilot teachers will provide feedback and a recommendation for adoption at the conclusion of the</i></p>

	<i>pilot during Quarter 2.</i>
January - February 2023	<b>Recommendation</b> <i>A recommendation for the adoption of either Illustrative Mathematics or Into Math will be made to the Board of Education. Federal Relief Funds have been allocated for this purchase.</i>
March - June 2023	<b>Professional Learning</b> <i>Math teachers will receive professional development on the Board adopted instructional material.</i>
August 2023	<b>Implementation</b> <i>All middle school math teachers will implement the new instructional material.</i>