

Department of Teaching & Learning

20601 Morningside
Grosse Pointe Woods, Michigan 48236
Phone: (313) 432-3044

AGENDA TITLE: Approval of Illustrative Mathematics Curriculum using Imaging Learning Materials

BACKGROUND INFORMATION:

The Y5-5th Grade math committee began in the Spring of 2024 and underwent a collaborative, research-driven approach to arrive at our proposal. In April 2024, Grade Level Leaders, Department Chairs, and Admin Liaisons met to review the Essential Practices in Early Math, School Wide Practices in Disciplinary Literacy, and the Instructional Practices for Disciplinary Literacy. The group also brainstormed how to improve vertical alignment and the transition years of 5th and 8th Grade. During the Spring 2024, Grosse Pointe applied for and received a grant from Wayne RESA (23h) which provided us money to purchase materials and training for a math pilot. This grant required us to move through a rigorous process laid out by EdReports and Wayne RESA. Grosse Pointe was very fortunate that a majority of this process was inline with our current EPLC guidelines.

In the Fall of 2024, teachers in Y5-5th Grade were asked to participate in the Elementary Math Committee. Teachers from across the district indicated their interest and a committee was formed with teachers representing every elementary and middle school building, every grade level, special education, and Title 1. These teachers met monthly and received professional development provided by our district Math COSA. As the committee learned about best practices, they worked collaboratively to create an elementary math vision statement which then created the rubric by which they would evaluate potential curriculum.

The 23h grant required us to look at curriculums that scored highly on EdReports. After an initial reduction to 9 companies, the committee began reviewing sample materials and evaluating with rubric criteria generated from our vision statement. Between January and February 2025, the committee narrowed options to 3 potential pilot curriculums. In March 2025, the committee heard from all three companies and selected Illustrative Mathematics with the Imagine Learning materials as well as IReady Classroom Mathematics as the two choices to proceed with. The pilot team received training in May 2025 so that they would be ready to begin instruction at the start of the new school year.

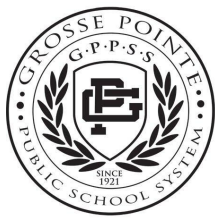
Realizing that math professional development for all elementary staff was vital, our Math COSA held half-day training sessions for every grade level Y5 through 4th Grade in the Spring of 2025. These trainings focused on an overview of the Early Math Essentials and Number Talks. This training was well-received by staff and was a positive first step in the implementation of a new curriculum.

It was also decided at this time, that Fifth Grade would only pilot Illustrative using Imagine Learning materials. This would align them with the 6-8th Grade math curriculum and provide a cohesive flow through the middle school years. Due to this decision, all Fifth Grade math classes were added to the pilot for the entire 2025-2026 school year.

In September and October 2025, 15 Y5-4th Grade classrooms piloted 2 units from Illustrative using Imagine Learning materials. At the conclusion of the two units, the teachers used the previous rubric to evaluate the program. They then received training from IReady Classroom Mathematics and prepared to teach two units from that program. In January, the pilot committee met to evaluate IReady. When the data

Our Vision: One Inclusive Community Learning Together

Our Mission: Cultivate Educational Excellence By: Empowering Students - Valuing Diversity - Inspiring Curiosity - Pushing Possibilities



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was scored, the committee decided to recommend the adoption of Illustrative Mathematics using Imagine Learning Materials.

Currently, Imagine Learning does not provide a Young 5s program for Illustrative. The two young 5s teachers along with our Math COSA, have already taken the Kindergarten curriculum and adjusted it to a more developmentally appropriate pace and standards for our youngest learners.

RECOMMENDATIONS:

The Y5-5th Grade Mathematics Committee recommends the adoption of the following instructional materials for implementation in the 2026-2027 school year:

K-5th grade Teacher Prints (one-time)

K-5th grade Manipulative Kits (one-time)

K-5th Student Print (yearly)

K-5th Student License (yearly)

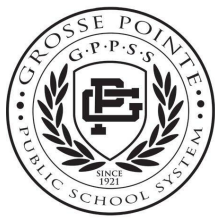
*K-5th Center Kits (one-time)

RATIONALE:

- Upon review of available and updated math curriculum, that align to the Common Core Standards, the committee narrowed options based on the following criteria:
 - Evidence of productive struggle (critical thinking, problem solving)
 - Evidence for developing number sense
 - Evidence for tiered instruction options/differentiation
 - Evidence for student discourse
 - Evidence of digital access to teaching materials
 - Evidence of concise and explicit lesson plans
 - Evidence for student use of manipulatives
 - Evidence of clear learning targets
 - Evidence of instructional best practices
- Illustrative Mathematics with the Imagine Learning Materials scored in the highest categories for:
 - Focus and Coherence
 - materials assess grade-level content and give all students extensive work with grade-level problems to meet the full intent of grade-level standards
 - Rigor and Mathematical Practices
 - materials reflect the balances in the standards and help students meet the standards' rigorous expectations by giving appropriate attention to developing students' conceptual understanding, procedural skill and fluency, and engaging applications
 - Teacher and Student Supports
 - materials include opportunities for teachers to effectively plan and utilize with integrity to further develop their own understanding of the content

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- materials are designed for each child's regular and active participation in grade-level content
- materials include a visual design that is engaging

REQUEST:

We are requesting EPLC approval of the Illustrative Math Curriculum for Kindergarten-5th Grade and the adjusted Young 5s curriculum with the support of Imagine Math materials.

TOTAL COST:

1 YEAR: **\$348,713.80**

Year 1: \$348,713.80 (includes one time costs-teacher print, manipulative kits and center kits)

RESA 23h Grant Support: \$38,440

RESA Coaching Grant Support: \$3,000

Year 1 General Fund: 307,291.80

Potential Grant Support for Center Kits: \$54,029.80 (one time cost)

Year 1 General Fund excluding Center Kits: 253,262

Recurring Costs after Year 1: \$161,867 (plus shipping/handling)

ATTACHMENTS:

PreK-5 Mathematics EPLC/BOE Presentation

TIMELINE:

March 4, 2026 EPLC

March 23, 2026 BOE Regular Session - First Read

April 6, 2026 BOE Regular Session - Vote

SUBMITTED BY:

Courtney Dykstra-Math COSA

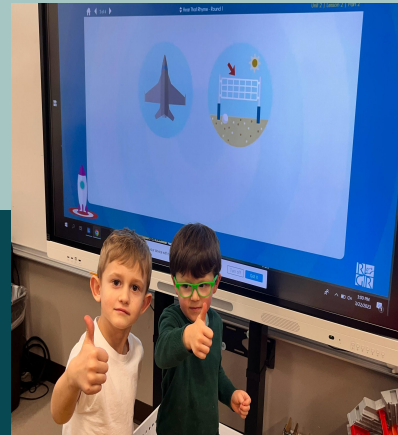
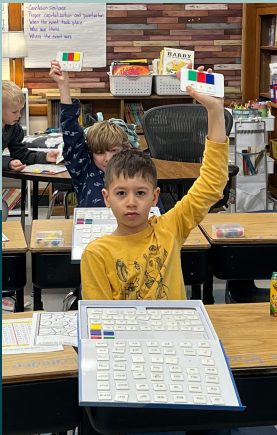
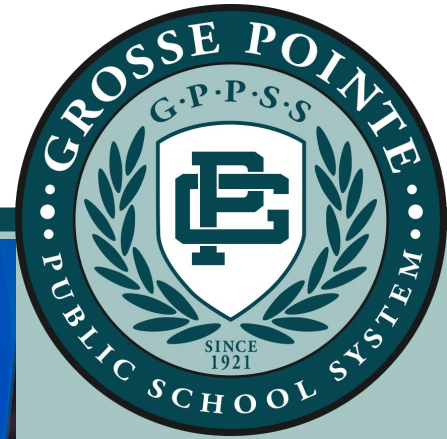
Katy Vernier & Nicole Filicia-Elementary Math Admin Liaisons

Y5-5th Grade Mathematics

A Presentation to EPLC/BOE

March 4, 2026- EPLC

March 23, 2026- Board of Education





EPLC Focus

GROSSE POINTE PUBLIC SCHOOL SYSTEM

CURRICULUM REVIEW PHASES

PHASE 4 MAINTENANCE

Evaluate and review

PHASE 3 IMPLEMENTATION

Implement resources, instruction, and professional development



PHASE 1 STUDY

Develop Idea and Design

PHASE 2 CONSTRUCT

Align learning objectives, goals, and programs



Committee Members

Y5/K	1-2	3-4	5	Support
Leah Banaszewski Kim Chwalek Katie Griesbaum Shaughan Rumohr	Holly Bayster Theresa Comilla Brooke Farrell Lesley Graham Gina Green Sam Hartley Sarah Sanger	Sarah Hartley Kristin Perlin Megan Sims Caelin Micks Paige Davey	Molly Collins Katie Coyle Matt Eszes Becca Ozar Kelly Sexton-Bolen Adam Stemmler Holly Willson	Melanie Danley Laura Cavaliere Andrea Pizzuti-Wolosin

Admin Liaisons: Nicole Filiccia, Katy Vernier

Math COSA: Courtney Dykstra



23H Grant Through Wayne RESA

We received a grant through Wayne RESA as part of 23H which allowed us to implement a comprehensive curriculum review process for elementary math resources. We were awarded \$103,296.50 to support the purchase of pilot Materials. In addition, we needed to comply with the following requirements:

- Attend the Curriculum Adoption Institute with a district adoption team.
- Conduct a thorough curriculum review and adoption process within your district, with the option for side-by-side support from EdReports and Wayne RESA Math Consultants.
- Document each stage of the 6-step adoption process using the documentation tool provided by Wayne RESA as your district progresses through it.
- Establish and maintain communication systems across the district to keep all stakeholders informed and engaged throughout the review process.



Y5-5th Grade Mathematics Committee Timeline

April 2024: GLL, Dept Chairs, and Admn liaisons met for brainstorming learning around Essentials

September 2024: District team attended 23H Meetings through Wayne RESA

October 2024: Committee formed and Phase 1 learning around Elementary Math Essentials began

November 2024: Public Forum (Phase 1)

November & December 2024: Committee continued Phase 1 learning around Essentials & began work on Elementary Math Vision Statement

January & February 2025: Committee continued Phase 1 learning around Essentials & began narrowing curriculum options to align with learning and 23H Grant

March 2025: Committee had in-person presentations from 3 companies to determine 2 pilot choices

May 2025: In-person training for Pilot #1 (IM Illustrative)



Y5-5th Grade Mathematics Committee Timeline

September & October 2025: Pilot #1 in Y5-5th Grade classrooms

End of October 2025: Y5-4th Grade Pilot #1 evaluation & Pilot #2 (IReady Classroom Mathematics) in-person training

November 2025: Public Forum (Phase 2)

November & December 2025: Pilot #2 in Y5-4th Grade classroom

January 2026: Y5-4th Grade Pilot #2 evaluation

Remainder of 2025-2026 school year: Y5-5th Grade will use IM Illustrative to teach remaining standards

February 2026: Parent Math Night with IM Illustrative

March 2026: proposal to EPLC



Y5-5th Grade Mathematics Curriculum Vision Statement

Our vision for elementary mathematics is to cultivate a deep and meaningful understanding of math.

- Students will persevere through challenges to develop strong number sense, critical thinking and problem-solving skills.
- Students will utilize multiple approaches to problem solve which will foster rich discussions that encourage the explanation of thinking and reasoning,
- Students will develop a solid foundation in math vocabulary and concepts that will prepare them for success beyond the classroom.

We believe that productive struggle is an essential part of learning. Our goal is that each student will thrive and demonstrate growth while ensuring equitable access to all mathematical learning experiences.

We commit to creating an environment where students are engaged in mathematical learning with curiosity, tenacity, and enjoyment while fostering a growth mindset.

Through these practices, we aim to inspire learners who view math as a powerful tool to understand and engage with the world around them. We are dedicated to utilizing research-based methods that align with state standards and best practices to guide our instruction and continuously improve student proficiency.



How We Decided

1

Productive struggle

2

Strong number sense

3

Mathematics discourse

4

Digital access to teaching materials

5

Lesson plans concise and explicit

6

Tiered instruction/differentiation

7

Use of manipulatives

8

Clear learning targets

9

Instructional best practices



Professional Development Plan

- | | |
|--------------|---|
| Spring 2026: | Onsite training for all Y5-5th Grade Teachers |
| August 2026: | Administrator Training
Onsite training for all Y5-5th Grade Teachers |
| 2026-2027 | Continued Training on Unit, Lesson and Assessment Planning |



Young 5s Scope and Sequence

The Young 5 pilot teachers have worked to adjust the Kindergarten curriculum to meet the development needs and pacing of a Young 5s classroom. This will provide exposure to the Kindergarten curriculum.



Math Elementary Subcommittee Request

Approval of Illustrative Mathematics Curriculum

Seeking EPLC approval to replace Everyday Math 4 with Illustrative Mathematics Curriculum for Young 5s through 5th Grade.

Imagine Learning Materials