

Middle School Math Materials Selection

Thursday, May 9, 2024

Issaquah School District Board Meeting

Rich Mellish, Executive Director of Teaching and Learning

Dawn Wallace, Director of Teaching and Learning



Purpose of this Slide Deck

This slide deck presents the process and recommendations of the Middle School Math Adoption Team.

Charter

Goals/Deliverables:

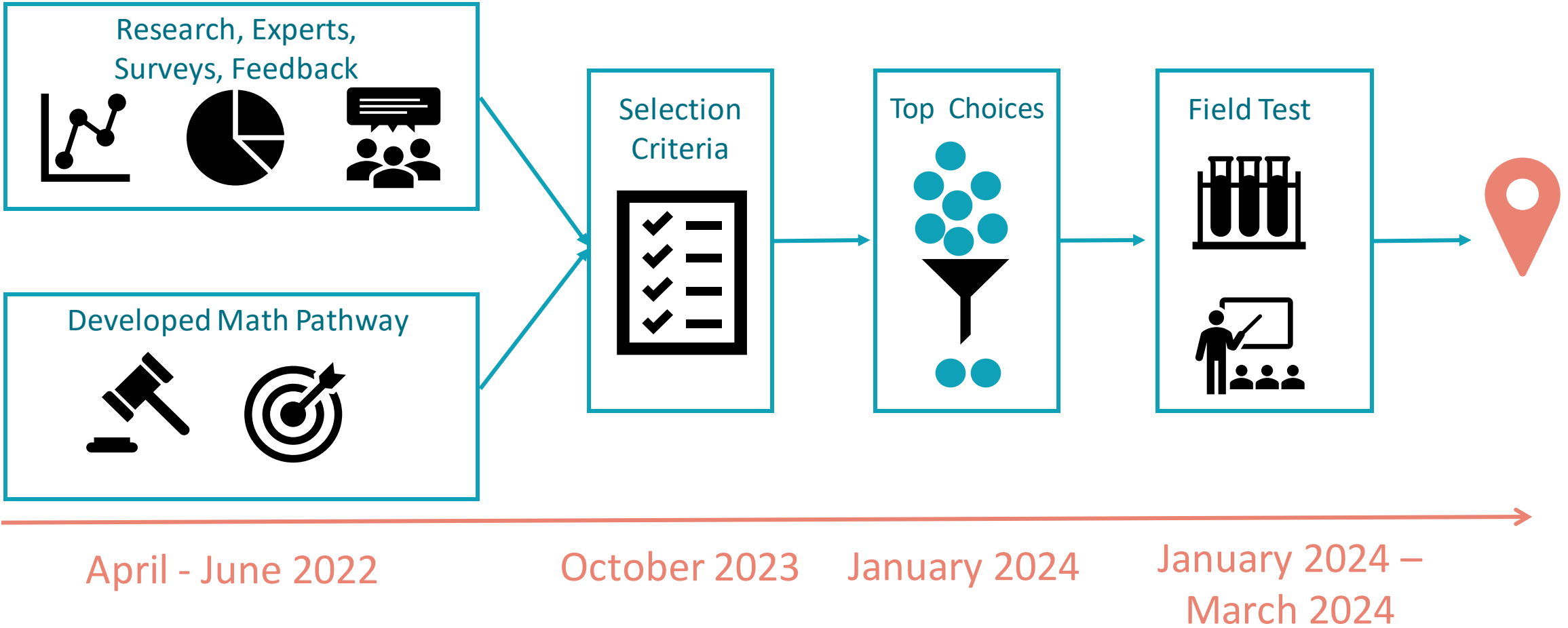
- Recommend instructional materials and instructional practices for Middle School Math Courses
- Develop a Scope and Sequence for Middle School Math Courses:
 - Math 1, Math 1-2, Math 2, Math 2-3, Math 3
 - Aligned to state math standards
 - Provides for MTSS, screening, diagnostic assessments and interventions and extensions
 - Integrates Universal Design for Learning to support inclusionary and culturally responsive practices

Committee Members

School / Site	Name	Role
Beaver Lake	Belinda Rendon	Teacher: Math 1, Math 1-2
Beaver Lake	Shannon Pullins	Teacher: CC7, CC7/8, Special Ed Certificated
Beaver Lake	Kathryn Coffin	Building Principal
Cougar Mountain	Amy Ainsworth	Teacher: Math 1, Math 1-2
Issaquah Middle	Diana Triplett	Teacher: CC7/8, CC8
Issaquah Middle	Lisa Muroya	Teacher: CC8, Geometry
Issaquah Middle	Susan Ahrensdorf	Teacher: Math 1, Math 1-2
Maywood	Ron Ciraulo	Teacher: Math 1, Math 1-2, CC7
Maywood	Nikki McGrath	Teacher: Math 1-2, CC7
Pacific Cascade	Brian Arnot	Teacher: CC8, Geometry
Pacific Cascade	Heidi Hong	Teacher: CC7, CC7/8
Pacific Cascade	Heather Weider	Teacher: Math 1, Math 1-2
Pine Lake	Susan Sansing	Teacher: CC7, CC8, LRC Math 6-8
Pine Lake	Brian Schenkman	Teacher: Math 1-2, CC7/8
Teaching & Learning	Carrie Reckling	EdTech Specialist
Teaching & Learning	Dawn Wallace	Administrator, co-facilitator
Teaching & Learning	Lena Jones	Content Specialist, co-facilitator



Process



Timeline

Meeting Date	Agenda
April 7, 2022	Review Charter and Norms, Review Teacher, Community and Student Input
May 5, 2022	Review Rubrics and Tools for Curriculum, Preview Curriculum, Confirm Math Pathway Changes
June 2, 2022	Confirmed Pathway Proposal, Confirmed Review Criteria, Began Curriculum Review
	Due to budget considerations, Adoption Meetings were Paused
October 20, 2023	Committee Reconvenes with some changes in membership; review Charter, goals, deliverables, and selection tools. Identified potential field test resources to invite for further consideration.
December 5, 2023	Presentations from Savvas, Curriculum Associates, and Big Ideas Learning Committee selected enVision and iReady to field test.
January 2024	Trained field testers on materials and instruction
January – March, 2024	Field Test
March 12, 2024	Review field test data and vote on curriculum to recommend.
March 21, 2024	IMC Review
Early Spring 2024	Board Decision
Fall 2024	Implement Curriculum Materials



Materials Reviewed



- Imagine Learning Illustrative Mathematics
- Open-Up Resources 6-8 Math
- Core Curriculum by MidSchoolMath
- IReady Math Classroom
- Big Ideas Math: Modeling Real Life
- enVision Mathematics
- Eureka

Math Curriculum Finalists

On December 15, 2023 the material selection committee for Middle School Math selected two math curricula for field testing. The two finalists were enVision and iReady Math Classroom

BOTH curricula...

- Rigorous instructional materials
- Provide extensive resources to support student learning
- Reflect best practices for teaching mathematics
- Incorporate practice and procedural fluency
- Have engaging, relevant application problems and projects

Field Testing



Orientation: January
(23 teachers)



Round #1: enVision
(training January 17,26)



Round #2: iReady (training
February 1,7,14)



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Parent and Family Engagement

Viewing Materials

- Samples of each curricula were available in the lobby of the ISD Admin building January 2, 2024-January 26, 2024
- Online access was also provided for each curriculum from January 2, 2024-January 26, 2024

Input and Questions

- Microsoft Form was available for collecting input and questions January 2, 2024-January 26, 2024

Community/Parent Preview Night

- January 10, 2024
- Reviewed materials and answered questions

Criteria for Selection

Criteria	enVision	iReady
Aligned with WA State standards	✓	
Materials inviting, interesting and engaging and relevant	✓	
Digital platform navigation	✓	
Instructional materials presented in a logical, easy to follow manner with examples and explanations	✓	
Alignment with Standards for Mathematical practice	✓	
Practice and procedural fluency development	✓	
Accessibility, opportunities for support and extensions Provides extensive tools and resources for progress monitoring and supporting variety of student learning	✓	

EnVision rated higher in all of the selection criteria than iReady

Staff, Student and Community Feedback



3.94 Average Rating

enVision



3.40 Average Rating

iReady

Number of Respondents

23 Community/Parents

23 ISD Staff Member/Teacher

995 Students

enVision rated Higher in all areas

- Materials inviting, interesting and engaging
- Digital platform navigation
- Instructional materials presented in a logical, easy to follow manner with examples and explanations
- Alignment with Standards for Mathematical practice
- Practice and procedural fluency development
- Accessibility, opportunities for support and extensions



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Committee Recommendation

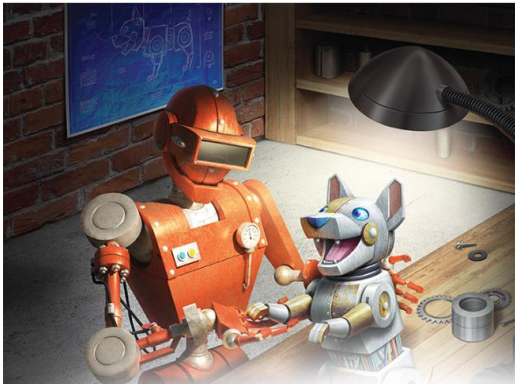


The following materials were recommended to Executive Director of Teaching and Learning on March 12, 2024.

enVision *instructional materials*

Momentum Math & Success Maker

*Digital assessment and personalized learning
(replaces i-Ready Math diagnostic and MyPath)*



The Middle School Math Curriculum Adoption Committee reached 100% consensus for recommendation.



Rationale for Selecting enVision

The Middle School Math Selection Committee agreed that enVision was the best choice for the ISD because:

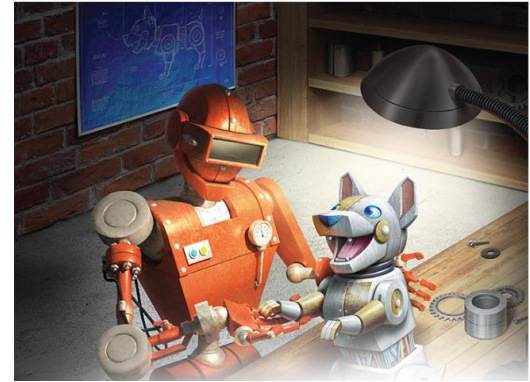
- Problems and activities were engaging and relevant
- Aligned with Washington State Mathematics Standards K-12 (2010)
- Aligned with The Standards of Mathematical Practice (2014)
- Provides instructional materials for all middle school-level math classes, that include resources for scaffolding and differentiation
- Provides instructional materials for interventions and extensions, provided multiple options for learners at all levels
- Provides extensive tools and resources for progress monitoring and supporting variety of student learning

Recommended Materials

Curriculum Selection Committee Statement:

"We chose EnVision because it offers greater accessibility for all students, along with more engaging materials and abundant practice opportunities, including leveled practice. Our students overwhelmingly preferred EnVision. The curriculum provides various teaching formats, including interactive presentations, paper, and online versions of materials.

There are rich STEM projects and Pick-a-Project options that allow for Universal Design for Learning (UDL) student choice based on personal interest. EnVision's integration with Canvas is an added convenience. The curriculum also provides appropriate challenges tailored to different student levels. Moreover, its alignment with the high school curriculum is an additional benefit, giving them a head start for success."



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Bias

The committee reached consensus that publishers were intentional in selecting non-biased illustrations and culturally inclusive examples in instructional materials:

- ✓ The instructional material provides a range of text, examples, scenarios, and applications relevant to our district students' real-life experiences and cultural backgrounds.
- ✓ The curriculum provides avenues for students to connect learning to personal, social, political, or environmental matters that affect them and their lives and contribute to change.
- ✓ Guidance is provided for opportunities to engage students' families and communities to enhance lessons.
- ✓ Resources are provided in modalities that allow access for all learners and staff can modify or adjust based on 504 and/or IEP accommodations (preferred language, subtitles if showing a movie, audio book to accompany a hard copy book, etc.)

Questions?

