

Meeting Minutes

January 17, 2023

Instructional Materials Committee

Facilitator: Jamie Prescott, Director of Learning Services • Secretary: Vanessa Adams, Learning Services

Present

Alyson Burks
Roxane Chan
Adil Chaudrey
Beth Christofferson
Chris Cocklin-Ray
Tyler Duell
Liz Evans
Ryan Hsi
Sharon Jarnigan
Kati McConn
Erica Ottesen
Alex Perry
Sophie Prock
Mia Shi
Kristy Siekhaus
Brittney Starks
Kim Thomas
Beilan Wang
Jon Wollmuth
Vivian Zhou

Absent

Mary Jo Budzius
Alexandra Weil

The meeting was called to order at 4:03 PM and held via Zoom Video Conferencing. All members present introduced themselves.

IM 9–12 Math by Illustrative Mathematics – Math Curriculum

Grades 7-12 Math: Algebra 1, Algebra E1/E2/E3/E4, Geometry, Honors Geometry, Algebra 2, Honors Algebra 2 – **Core Instructional Material**

Written by: Kristin Umland, William G. McCallum

Published by: Illustrative Mathematics/McGraw Hill, 2016-2022

Proposal submitted by the AGA Math Materials Review and Adoption Committee: Erica Hill-MIHS Associate Principal, Clay Laughary-Instructional Technology Coach, Kate Yoder-MIHS Math Teacher, Lee Jahncke-MIHS Math Teacher, Lynn Wooldridge-MIHS Math Teacher, Michelle Hayes-MIHS Math Teacher, Linda Geffen-IMS Math Teacher, Arelene Azose-Community Member, David Myerson-Community Member, Ananta Gudipaty-Community Member, Jamie Prescott, MISD Director of Learning Services

Erica Hill, Clay Laughary, and Kate Yoder presented *IM 9–12 Math by Illustrative Mathematics* for consideration as core instructional material for Gr. 7-12 math. The MISD Math Review that started in the Fall of 2018 determined that secondary math required new comprehensive Algebra 1, Geometry, Algebra 2 (AGA) materials. The materials being used were developed before 2010—not a good fit for current expectations.

Mercer Island School District Learning Services

The new materials will provide AGA course instructors with a consistent set of activities that cover all the high school math standards. The materials are in line with the current understanding of best instructional practices. They will be coupled with a modern online practice platform that will report mastery of understanding and skills associated with AGA standards, as well as provide deficit skill identification down to the 3rd-grade level for differentiated practice.

The Illustrative Mathematics courses are "problem-focused". Much of the design focuses on student conversation and discussion of how to solve problems using mathematics with teachers providing a synthesis of the concepts and skills. The design of the materials has applications that center around common student interests of students aged 12-16 years old.

The online platform ALEKS was a big selling point. It is an adaptive tool to help students that need to move at a slower or faster pace. It will allow the teacher to help differentiate practice for students with advanced diagnostics, reports, and adaptive practice. These reports will help to identify gaps in skills down to the 3rd-grade standards, generate personalized practice to improve those skills, and allow students to move ahead when they have achieved mastery of identified topics.

The committee held two open houses for the community to answer any questions. There was a published online form to collect input as well.

Note: A show of hands revealed that all present agreed to approve *IM 9–12 Math by Illustrative Mathematics* for adoption as core instructional material for Gr. 7-12 math for the 2023-24 school year and beyond. No abstentions. The motion passed.

The meeting adjourned at 5:03 PM.