



Highline Public Schools Board Action Report

Supports the Strategic Plan

DATE: 5-7-2018

FROM: Dr. Susan Enfield, Superintendent

For Introduction:5-16-2018

LEAD STAFF: Catherine Thompson, Chief Curriculum and Instruction Officer

For Action:06-06-2018

I. TITLE High School Math Instructional Materials Adoption

II. WHY BOARD ACTION IS NECESSARY Per Board Policy 2020, the School Board is responsible for the adoption of all core materials used in the District as recommended by the Instructional Materials Committee.

III. BACKGROUND INFORMATION

The Highline Public Schools Secondary Math Team led a course of study review to determine whether or not the instructional materials currently in use aligned to Common Core State Standards for Mathematics. The state's Smarter Balanced Assessment is based on these standards. The findings from the course of study review showed that our current materials were outdated and were not aligned to current state standards. Geometry instructional materials was adopted in 2005 and Algebra in 2010. This finding led to an eight month long materials adoption process following Superintendent Procedure 2020P, culminating in a recommendation to adopt enVision Math (for more details, please review the attached memo).

IV. RECOMMENDED MOTION

I move that the Highline School Board approve the adoption of enVision Math as the district's core materials for high school mathematics.

V. FISCAL IMPACT/REVENUE SOURCE

Fiscal impact to this action will be (amount and source including fund Example - \$522,000 from general fund Title 1 revenue).

Instructional Materials \$470,000 - Supporting Devices \$101,000 Total: \$571,000

The revenue source for this motion is from Basic Education Allocation funds.

Expenditure: One-time Annual

VI. APPLICABLE POLICY(S)

This action is in compliance with the following:

Board Policy No. 2020

VII. ALTERNATIVES

If the materials are not adopted, teachers will use the existing adopted materials and will need to locate multiple supplementary materials from open resources to fill gaps so that current standards are appropriately addressed. This places a burden on teachers and does not meet the district's obligation to provide core instructional materials.

VIII. COMMUNITY ENGAGEMENT

Community Engagement Required: Yes No

Family members and university partners served on the adoption committees and a centrally-located open house

was held as a means of seeking input from all stakeholders.

IX. POLICY MONITORING PLAN

This new or revised policy will be monitored by the School Board:
 Quarterly Semi-Annually Annually Not Applicable

The metrics that will be used to monitor this policy include: _____

X. ATTACHMENTS

Board memo outlining the adoption process (Note: The memo includes multiple links for in depth review of the process)

PowerPoint for presentation of the instructional materials recommendation at May 16, 2018 Board meeting

M E M O R A N D U M

To: HSD School Board of Directors

From: Jocelyn Co and Stacey Snyder, Secondary Math Specialists

Date: May 11, 2018

Re: Secondary Math Instructional Materials Recommendation

Introduction: As per Board Policy 2020, a team was created to review the instructional materials for the Algebra 1, Geometry, and Algebra 2 courses, where it was determined that the materials did not align to the Common Core States Standards. This document details the process followed by the Highline Secondary Math Adoption Committee, with monthly guidance from the Instructional Materials Committee (IMC), in its recommendation of *enVision Algebra 1*, *enVision Geometry*, and *enVision Algebra 2* by Pearson as the new core instructional materials for these courses.

Process	Date	Description and Decisions	Documents
Instructional Materials Review	08.30.17	Review of current instructional materials using EdReports Gateway #1 (Focus & Coherence) screening tool	<ul style="list-style-type: none"> • EdReports screening tool • Materials Review Report
Adoption Information Night for Teachers and Families	10.03.2017	<ul style="list-style-type: none"> • Informed Highline Community about Math Adoption • Invited families to be part of the Math Adoption Committee 	<ul style="list-style-type: none"> • Flyer
Committee Application Process	10.03.2017 - 10.19.2017	<ul style="list-style-type: none"> • Family Application on Highline website • School representative requests sent to principals and teachers 	<ul style="list-style-type: none"> • Family Application • Email to principals and teachers
Family Lottery	10.19.17	One participant each from North and South service areas was selected	
Adoption Committee Meeting #1	10.30.17	<ul style="list-style-type: none"> • Developed common understanding of research-based Math Practices that supports the Common Core Math Practice and Content Standards • Practiced using EdReports and IMET tools to provide input for future screening tools 	<ul style="list-style-type: none"> • Initial Committee Members

Process	Date	Description and Decisions	Documents
Publisher and Open Educational Resource Research	11.08.17-11.17.17	<ul style="list-style-type: none"> • Emailed publishers • Met with Barbara Soots about Open Educational Resources (OER) and state recommendation on adoption process 	<ul style="list-style-type: none"> • Publisher solicitation email • List of publishers contacted • OER meeting notes
Adoption Committee Meeting #2	11.29.17	<ul style="list-style-type: none"> • Decision to use EdReports as a pre-screener – we did not screen materials that did not pass EdReports' Gateway #1 • Practiced using the IMET tool as first screener 	<ul style="list-style-type: none"> • EdReport Tool
Adoption Committee Meeting #3	12.07.17	<ul style="list-style-type: none"> • Rubric Calibration • First screening narrowed materials to 5 options <ul style="list-style-type: none"> ○ <i>Core-Plus</i> ○ <i>CORD</i> ○ <i>Discovery Ed Math Techbook</i> ○ <i>enVision</i> ○ <i>Eureka Math</i> 	<ul style="list-style-type: none"> • IMET Tool
Adoption Committee Meeting #4	01.04.18	<ul style="list-style-type: none"> • Committee used Equity Bias Tool to assess all 5 curricula • Each curriculum was assessed through the lens of Algebra, Geometry, and Equity & Access • Committee narrowed choices to 3 curricula <ul style="list-style-type: none"> ○ <i>Core-Plus</i> ○ <i>Discovery Ed Math Techbook</i> ○ <i>enVision</i> 	<ul style="list-style-type: none"> • Equity Bias Tool • EQUIP Rubric • Data
Adoption Committee Meeting #5	01.18.18	<ul style="list-style-type: none"> • Decision to pilot 2 materials: <ul style="list-style-type: none"> ○ <i>Discovery Ed Math Techbook</i> ○ <i>enVision</i> 	
Materials Pilot	01.06.18-04.17.18	<ul style="list-style-type: none"> • Committee members solicited their schools for pilot teacher teams (January 2018) • Informational email to principals about pilot (1.29.18) • Professional Development for <i>enVision Math</i> by Pearson (1.22.18) • Professional Development for <i>Discovery Ed Math Techbook</i> by Discovery Ed (2.26.18) • Pilot schools: <ul style="list-style-type: none"> ○ Sylvester MS 	<ul style="list-style-type: none"> • Email to principals about pilot • Parent letter • Teacher survey & survey results • Student survey & survey results • Student open response (enVision) • Student open response (Discovery Ed)

Process	Date	Description and Decisions	Documents
		<ul style="list-style-type: none"> ○ Pacific MS ○ Cascade MS ○ Evergreen HS ○ Highline HS ○ Mount Rainier HS ○ Tye HS ○ CHOICE ○ WELS 	<ul style="list-style-type: none"> • <u>Family survey and survey results</u>
Instructional Materials Adoption Showcase	03.30.18	Evening Adoption Showcase for Community Members and Teachers	<u>Flyer</u>
Adoption Committee Meeting #6	04.19.18	Adoption Committee recommends enVision for Algebra 1, Geometry, and Algebra 2 based on: <ul style="list-style-type: none"> • Teacher testimony • Pilot data <ul style="list-style-type: none"> ○ Student Survey ○ Teacher Survey ○ Family Survey 	