

HAYS CONSOLIDATED INDEPENDENT SCHOOL DISTRICT BOARD OF TRUSTEES

Date: May 19, 2025

Agenda Item: N.2c

Board Goal: Student Achievement

Subject: Consideration and possible approval of the renewal of the Subscription to Desmos Math Tier 1 Secondary Math Curriculum (Grades 6-Algebra I) for the 2025-2026 School Year – Amplify

Administrator Responsible/Position: Marivel Sedillo, Deputy Superintendent / Chief Academic Officer
Derek McDaniel, Executive Officer of Curriculum & Instruction

A. Purpose of Agenda Item:

☒ Action needed ☐ Information only ☐ Receive input

B. Authority for This Action:

☒ Local Policy: ☐ Law or Rule ☐ N/A
EFA (Legal) and (Local) –
Instructional Resources: Instructional
Materials

C. Goal or Need Addressed: The purpose of this agenda item is to approve the renewal of the mathematics instructional resource Desmos for 6-Algebra I.

D. Summary:

- ☒ **Previous board action relating to this item:** The board approved purchase of Desmos in the summer of 2024.
- ☒ **Future action anticipated:** There is an annual cost for the online subscriptions.
- ☒ **Background information:** Hays CISD has utilized the Desmos math program since the 2023-24 school year. The Desmos math program is TEKS aligned, research-based, and a conceptually driven curriculum that engages students with challenging problems and applications. Desmos has continually improved their resources, professional developments, website, activities, assessments and much more to provide rigorous TEKS aligned mathematics curriculum. This summer, the team of math teachers participating in curriculum writing will make adjustments to the scope and sequence, pacing, and unit resources based on lessons learned from year 1 implementation. We are purchasing Desmos Math for 6-Alg. I teachers as the core, Tier 1 resource.

E. Comments Received:

☒ Cabinet ☐ DLT ☐ FBOC ☐ Teacher Org. Reps.
☒ Other: C&I and Adoption Committee

F. Administrative Recommendation: Administration recommends approval of the renewal of Desmos Math

Advantages and benefits of this proposal: Ensure equity of access throughout the district; Remove procurement of materials and planning their implementation from teacher plates; Critical thinking, exploration, and problem solving at all levels of instruction; A structured curriculum will allow new to content teachers something to follow and understand while also offering seasoned teachers a clear outline of the progression of concepts and levels of rigor.; Desmos math explicitly encourages students to see themselves as mathematicians - this will increase student self-efficacy; Provides formative assessment opportunities for just-in-time intervention; Online platform for students to support blended learning models; As a digital resource, Desmos is able to continuously adapt and improve the product

Expected results in terms of student benefit/achievement: Aligned and engaging learning experiences for students; Increased opportunities for problem solving, explorations, and modeling; Differentiated activities and instructional models for accessing content for all students; Increased student achievement on local and state assessments

Effect of this action on other parts of the system: N/A

Consequences of not approving this recommendation: Loss of aligned and differentiated instructional materials

G. Fiscal Impact and Cost: \$69,000

☐ **Budget**

☐ **Bond**

☐ **Grant/Special Funds:**

☒ **Other:** Instructional Materials and Technology Allotment

☐ **Budget Amendment Needed**

Prior Year Spending:

Reasons for rejecting alternatives: Go Math was adopted in 2014 and expired after the 2021-2022 school year. Publishers have not updated their math resources since the 2014 adoption because math TEKS are expected to be revised in the coming school years. The Texas Resource Review found that Desmos math is 100% aligned to the Math TEKS – a higher rating than any other resource. IES also rated the Desmos curriculum with a perfect score for their curriculum review.

Future/Ongoing: There is an annual cost for the online subscriptions.

H. Monitoring and Reporting Time Line:

Person responsible for evaluating this decision or action: Marivel Sedillo, Derek McDaniel

Evaluation method and time line: The Executive Officer of Curriculum and Instruction, along with the Secondary Coordinator for Mathematics, will be able to evaluate the data using CBAs, Unit Checks, and universal screeners after each assessment.

Next report to the board: N/A

I. Suggested Motion:

I move that the Hays CISD Board of Trustees approve the renewal of the online subscription to Desmos Math Tier 1 secondary math curriculum for the 2025-2026 school year from Amplify for an amount not to exceed \$69,000, as presented.