

**MEMORANDUM OF UNDERSTANDING
2022-23 BRUCE W. WOOLPERT ALGEBRA ACADEMY**

The purpose of this Memorandum of Understanding between the Bruce W. Woolpert Algebra Academy ("BWWAA") and the Hollister Elementary School District ("HESD"), entered into and effective as of May 26, 2022, is to outline the respective commitments of the parties, each of which is necessary to ensure the success of the Academy program for HESD student participants.

Section A. Summary of the BWW Algebra Academy program.

During the 2022-2023 school year, BWWAA will provide a year-long algebra-focused enrichment program to approximately 100 eighth-grade students from Santa Cruz, Monterey and San Benito Counties. This will include students from five HESD middle schools: AAA, Calaveras, HDLA, Maze, and Rancho San Justo.

The Academy program is designed for high achieving students with a desire to stretch their algebra and broader math skills. Students in the Academy work with university faculty, and gain exposure to a variety of math, engineering, science and technology-based career opportunities within our region.

Immersion Week. The heart of the Academy program is a week-long algebra immersion session hosted by the BWWAA, in partnership with local businesses Graniterock and Driscoll's, and to be held at Anzar High School. This Immersion Week instruction is led by professors from UC Santa Cruz and CSU Monterey Bay. Teaching assistance is provided by UCSC and CSUMB math and science majors, along with math teachers from the participating middle schools, and high school students who are alumni of the Academy.

Field Trips. BWWAA facilitates at least two working field trips for Academy students each year. In Fall 2022, BWWAA will facilitate a working field trip to Graniterock's A.R. Wilson Quarry in Aromas. In Spring 2023, BWWAA will facilitate a working field trip either to a local business or educational institution (likely Hartnell College).

Math Clubs and Math Festivals. BWWAA also provides support for each participating school to host a year-long Math Club, open to all students in the Academy, as well as other interested students. These Math Clubs and their advisors are provided support and encouragement to host a BWWAA-sponsored Math Festival at their own school during the spring, for their fellow students of all ages.

The long-term goal of the BWW Algebra Academy is at least three-fold:

- (a) to propel and inspire high-achieving local students to excel in mathematics throughout high school, and pursue a STEM major at a four-year university;
- (b) to encourage Academy alumni to return to the region and pursue STEM-related career opportunities at Graniterock, Driscoll's or other local companies;
- (c) to enhance the culture at the Academy's participating schools, so that studying and excelling in math becomes "cool" and exciting, and something students throughout the school aspire to.

Section B. BWWAA's 2022-2023 Commitment.

BWWAA commits to provide the following during the 2022-2023 school and Academy year:

- (1) **Parent/Student Information Meeting for 2022-2023 Academy (virtually, for participating HESD schools).** A comprehensive parent/student information meeting about the

2022-2023 Academy program, presented to prospective Academy participants and their families, during the spring of their 7th grade year. [Complete.]

(2) **Objective Admission Process for 2022-2023 Academy.** An objective process, conducted in cooperation with school principals, to assess prospective Academy participants during the spring of their 7th grade year, and select them for participation in the Academy for the 2022-2023 school year. [Complete.]

(3) **2022 Immersion Week instruction.** An engaging algebra Immersion Week, August 1-4, 2022, at no charge to Academy students. The Immersion Week will include instruction led by university professors, teaching assistance provided by university math and science majors, along with middle school teachers and HS-aged Academy alumni, math-based games facilitated by volunteers, career inspiration provided by local professionals in STEM-focused careers, and meals for the students on two of the four immersion week days.

(4) **2022 Immersion Week teacher stipends.** Stipends in the amount of \$250 per day for each middle school teacher who can participate as a teaching assistant during Immersion Week.

(5) **2022 Immersion Week alumni (HS mentor) stipends.** Paid internships for up to 8 high school-aged Academy alumni, to serve as mentors to Academy students, during the Immersion Week.

(6) **Fall 2022 Field Trip.** A working field trip to Graniterock's A.R. Wilson Quarry in Aromas, during which Academy students receive additional exposure to local, STEM-focused career opportunities, and learn to host a Math Festival at their own school, centered around math-based games.

(7) **Spring 2023 Field Trip.** A working field trip in the spring, either to a local business (likely Driscoll's) or educational institution (for example, Hartnell College).

(8) **Math Club Support (at each participating HESD school).** Support for each participating school to host a year-long Math Club, open to all students in the Academy as well as other interested students.

(9) **Support/potential stipend for Math Festivals in Spring 2023 (at each participating HESD school).** Support for HESD Math Club students to host a Math Festival for fellow students of all grade levels in the spring of 2023, including delivery of a "Math Festival Guide" to each school to provide ideas and guidance. Provision of a \$500 stipend in support of a Math Festival, if each participating school submits a qualifying proposal describing its plan to put on a Math Festival.

Section C. HESD's 2022-2023 Commitment.

HESD commits to provide the following during the 2022-23 school and Academy year:

(1) **Immersion Week Bus Transportation.** Bus transportation for all HESD Academy students, to and from Anzar High School— their Immersion Week instruction location.

(2) **Fall 2022 Field Trip Bus Transportation.** Bus transportation for all HESD Academy students to and from Graniterock's A.R. Wilson Quarry in Aromas for the Academy working field trip in the fall of 2022.

(3) **Fall 2022 Field Trip Substitute Teachers.** Substitute teachers to cover for one math teacher from each AAA, Calaveras, HDLA, Maze, and Rancho San Justo, so these teachers can attend this Academy working field trip in the fall of 2022.

(4) **Spring 2023 Field Trip Bus Transportation.** Bus transportation for all HESD Academy students to and from a local business or educational institution for the Academy working field trip in the spring of 2023.

(5) **Spring 2023 Field Trip Substitute Teachers.** Substitute teachers to cover for one math teacher from each AAA, Calaveras, HDLA, Maze, and Rancho San Justo, so these teachers can attend this Academy working field trip in the spring of 2023.

(6) **Support for communication to HS-aged Academy alumni who could serve as 2022-2023 Academy mentors.** Support for the distribution of a letter to all BWAA alumni in 10th and 11th grade in

Spring 2022, informing them of the August 2022 Immersion Week HS Mentor opportunity (along with other Academy alumni benefits and opportunities). [Complete.]

The parties agree to all of the terms above, and look forward to a lasting, collaborative partnership, to ensure the long-term success of the BWW Algebra Academy, for the benefit of HESD students.

BWWAA

By: _____

Name: _____

Title: _____

HESD

By:  _____

Name: Susan Wilber

Title: Ind. CEO