



PASS It On

ERP EDUCATIONAL
RESULTS
PARTNERSHIP

March 2016

CSU San Bernardino Collaborating to Strengthen 12th Grade Math

Research studies of mathematics education in high-performing countries have long pointed to the need to improve mathematics achievement in the United States. As the economy becomes increasingly dependent on technology and up to 85% of future jobs will require some form of post-secondary education, the urgency to align the high school curriculum and instruction with college and career expectations particularly in mathematics becomes critical.

California State University San Bernardino has launched a regional collaboration to address the need for a fourth year high school math course that aligns with Common Core State Standards. The partnership involves institutions across the educational pipeline including Riverside and San Bernardino County Offices of Education, numerous K-12 school districts, regional community colleges, four CSUs and one UC. Cal-PASS Plus has recently joined the partnership to provide technical assistance and data.

The engaged practitioners are acutely aware of the challenges associated with the mathematics achievement of their students. The fourth year math

course is designed to help students develop necessary numerical fluency and mathematical literacy through the development of flexible and connected thinking.

Modeled upon the Expository Reading and Writing Course, which was developed by members of the California State University system, among others, the fourth year math course will enable students who are college-bound to develop skills that include flexibility, transferability, and critical reasoning in their approach to math. Similarly, the techniques that teachers will learn through professional development opportunities will transcend content and level of curriculum, and improve teaching and learning across multiple domains. The implementation plan requires significant investment in professional growth opportunities for high school teachers, community college faculty members, and university faculty through peer-to-peer learning and collaboration.

In addition to the teaching and learning "shifts" that will occur with this new math course, students will be encouraged to take a fourth year of math while in high school, where only 55% of students statewide take math in the 12th grade currently, better preparing them to enter college without the need for remediation in math.

Los Angeles Universal Preschool (LAUP)

Numerous studies have shown that high quality early childhood education is a critical component to student success. Cal-PASS Plus supports Los Angeles Universal Preschool (LAUP) and several school districts in the Greater Los Angeles region to connect data between preschool programs and K-12 schools. The goal is to shine a light on how students perform once in elementary school for those that participated, or did not participate, in an LAUP program. This pilot will grow in scale as the data proves valuable to the partners to align programs and better prepare students for kindergarten.

**Interested in learning how you can collaborate for student success in your community?
Contact us: outreach@calpassplus.org.**

Upcoming Events

Common Assessment Initiative

Professional Development Regional Meeting

March 11, Sacramento

April 1, Irvine

For more information, visit: CCCAssess.org

Multiple Measure Assessment Project

Campus Presentations

March 10, Cerritos College

March 18, Fresno City College

April 15, Allan Hancock College

For more information, contact: jhetts@edresults.org

Hayward Promise Neighborhood

Consortium Meeting

March 11, Chabot College

April 22, Chabot College

For more information, contact:

vpluim@edresults.org

CA Community College Athletic Association

Cal-PASS Plus Athletic Dashboard Presentation

March 30, Ontario, CA

For more information, [click here](#)

CA Community College Chancellor's Office Student Success Conference

Advancing Student Success: From Plan to Action

March 14—16, 2016, Sacramento

For more information, [click here](#)

RP Group Research & Planning Conference

*Integrating Equity and Success into the Research and
Planning Framework*

April 7—8, San Diego

For more information, [click here](#)

Align Capital Region

Consortium Meeting

April 19, Sacramento

For more information, contact:

vpluim@edresults.org

Farmers-to-Pioneers

Twenty-two sophomores from Hayward High School were selected to participate in a new initiative called Farmers-to-Pioneers, which supports and encourages first-generation college-bound students (Farmers is the mascot of Hayward High and Pioneers the mascot of CSU East Bay). Hayward High School and CSU East Bay administrators are working together to provide Farmers-to-Pioneer students with the knowledge and skills required to successfully navigate the high school-to-university transition and to begin their postsecondary experience ready to succeed. The 22 Farmers-to-Pioneers students and their parents attend weekly and monthly workshops to familiarize them with university and financial aid applications, and with college life. Students who successfully complete the Farmers-to-Pioneers program and meet CSU East Bay's minimum admission requirements will be guaranteed admission.

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