



**MATH ACADEMY:
STUDENT EQUITY IN ACTION**

Overview

Into

The national landscape of math success

The context in California & Hartnell College

Through

Normalizing help seeking and building sense of belonging

Increasing the likelihood of math success for Latinx students

Beyond

Building momentum towards certificate or transfer

A laboratory for curricular redesign and experimentation

Opportunities to improve and other considerations



What is math academy?



Intro



Houston, we have an opportunity...



8/10 of Latinx students were tracked into developmental math education

SOURCE: PREPARING STUDENTS FOR SUCCESS

Developmental education costs
Community College Students \$1.3b each year

SOURCE: COST OF CATCHING UP



1/10 students who begin at the lowest level of
developmental math complete a transfer-level math course

SOURCE: REFORMING MATH PATHWAYS



SOURCE: TRANSFER LEVEL COMPLETION DASHBOARD



California Community College Students Complete Transfer Level Math within 2 years

67% of white students
successfully completed

52% of Latinx students
successfully
completed

LET'S TAKE



A LOOK



of Hartnell College Students complete Transfer Level
Math within 2 years.

60% of white students
successfully completed

54% of Latinx students
successfully
completed

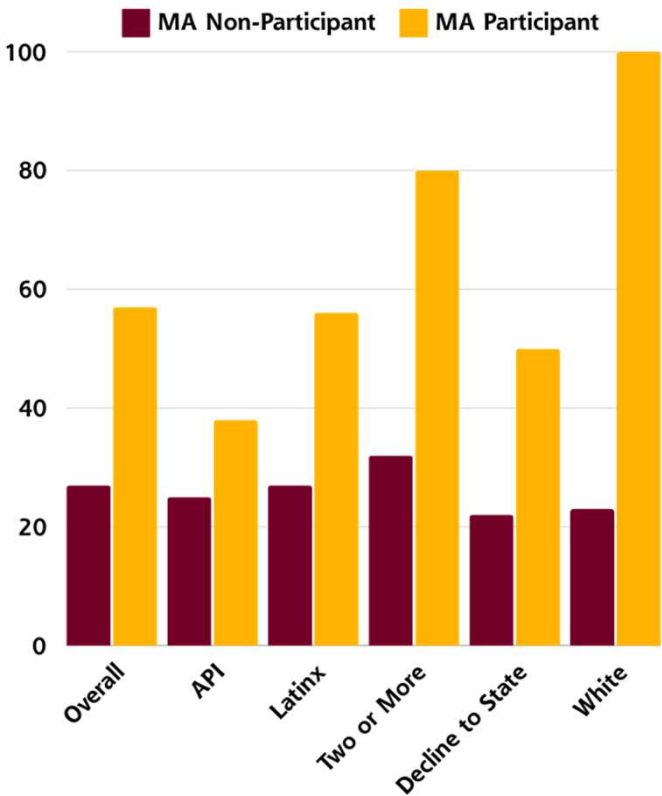


Through

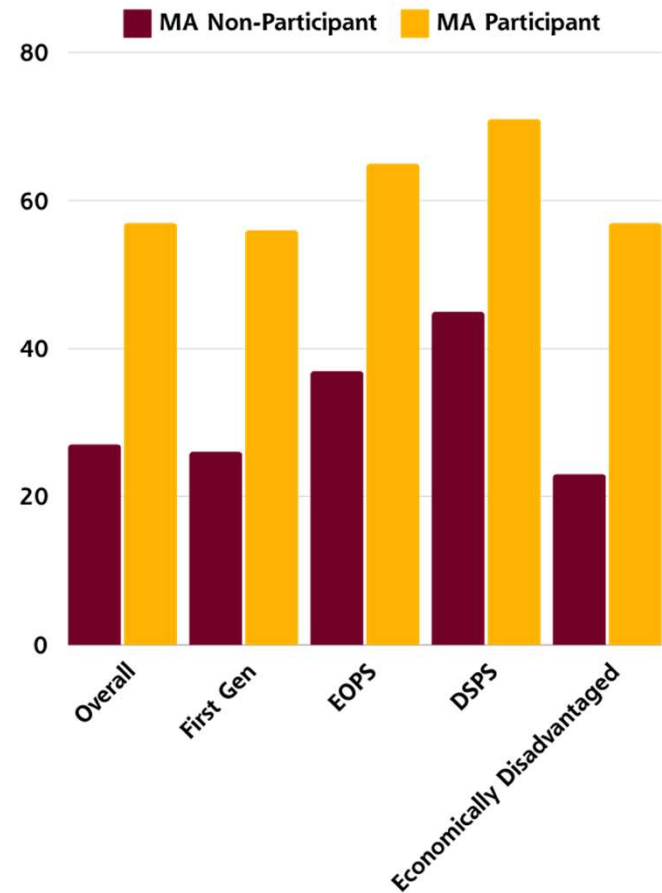


Math Academy Connects Students to the Panther Learning Labs

PLL Participants by Race

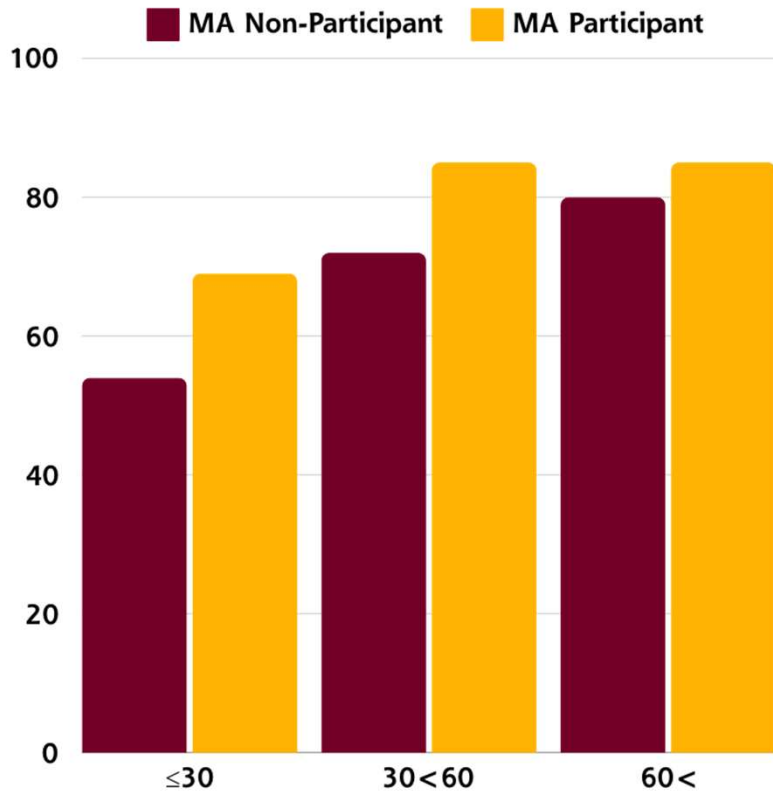


PLL Participants by Equity Group

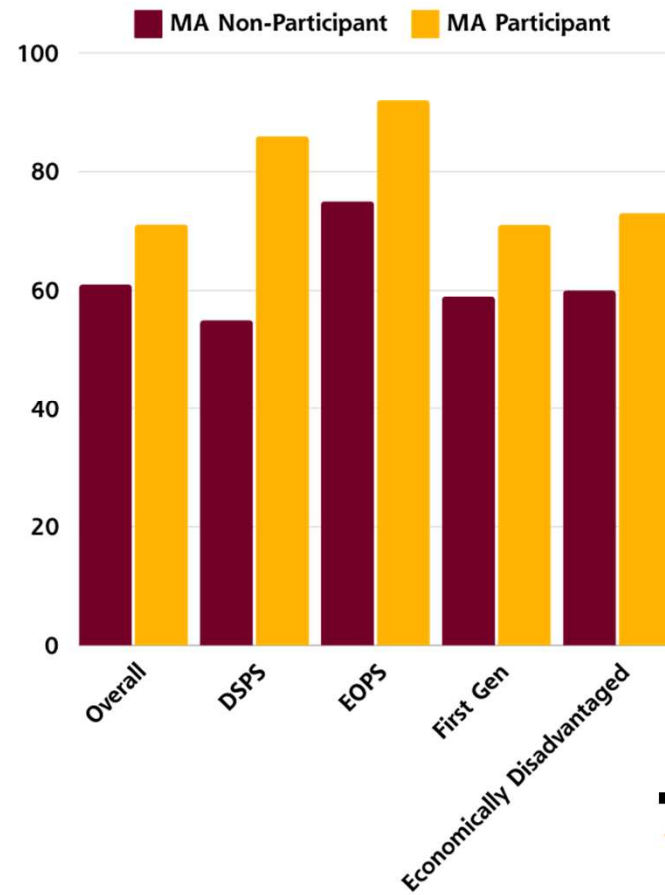


Math Academy correlates with increased math success rates

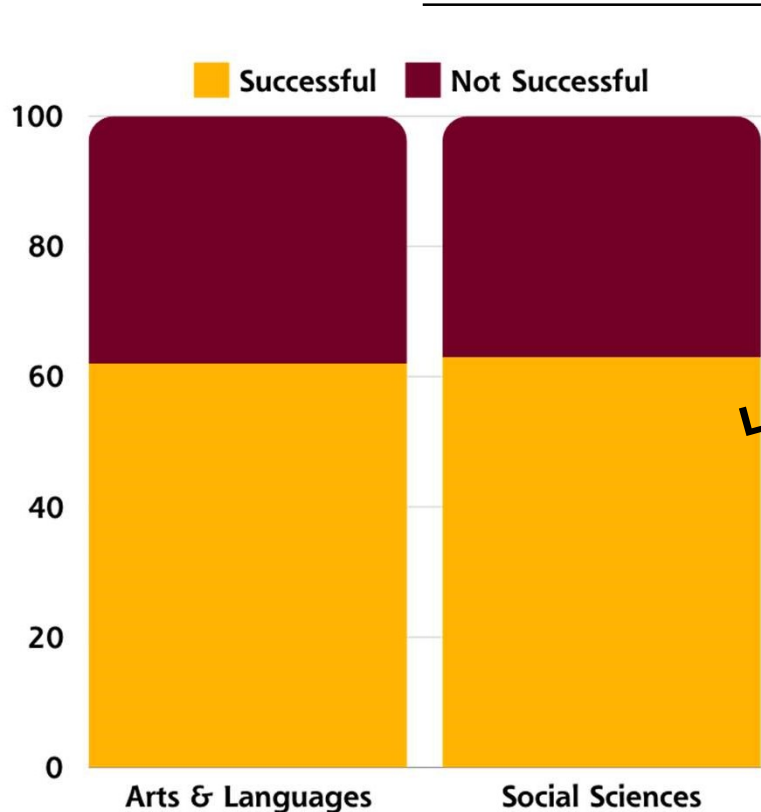
Average Success Rate by Cumulative Units



Average Success Rate by Equity Group

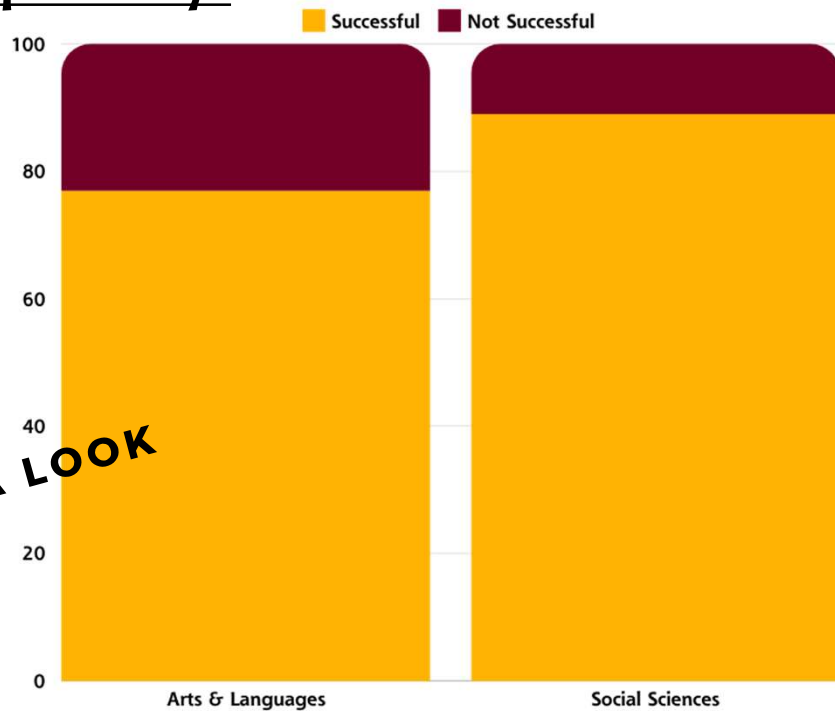


Math Academy correlates with increased math success rates for students on non-math intensive pathways



Average Success Rate by non-math intensive pathways w/o MA

LET'S TAKE A LOOK



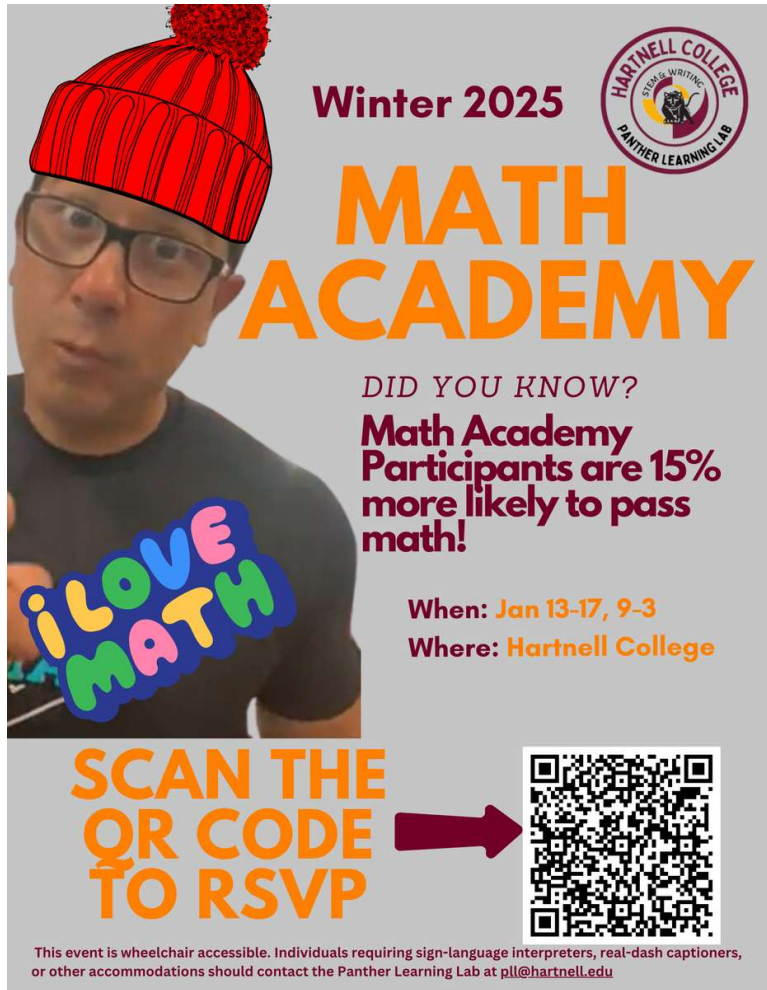
Average Success Rate by non-math intensive pathways w/ MA



Beyond



How we build hype and get buy-in...



Winter 2025

MATH ACADEMY

DID YOU KNOW?
Math Academy Participants are 15% more likely to pass math!

When: Jan 13-17, 9-3
Where: Hartnell College

SCAN THE QR CODE TO RSVP

This event is wheelchair accessible. Individuals requiring sign-language interpreters, real-dash captioners, or other accommodations should contact the Panther Learning Lab at pll@hartnell.edu



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mailchimp

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Beyond

Math Academy is a curricular laboratory for math faculty



Where do we go from here?

Scaling Math Academy necessitates agility, and an institutional commitment to support the demands on physical, fiscal and human resources.

All math enrolled students should be strongly encouraged to participate in Math Academy.

Math Academy should be stretched into the traditional semester as a supervised tutoring class.

Math Academy students seek help in large groups, we need to create new spaces for these students to visit as we outgrow our learning laboratories.

We need systematic tracking in our student information system to track student participation in Math Academy



Questions

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