



CARNEGIE MATH
PATHWAYS
WestEd



Opening More Doors With Dual Enrollment

Lessons from Educators on Expanding Access to College

Friday, September 10, 2021

Agenda

1. Introductions
2. What Is Dual Enrollment and How Can We Use It To Expand Access
3. Exploring Quantway and Statway Dual Enrollment Programs
 - a. College perspective
 - b. High School perspective
4. Q&A



Introductions



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What Is Dual Enrollment and How Can We Use It To Expand Access?



What do we mean by dual enrollment?

A dual enrollment course is a college course offered to high school students, taught by a college instructor or college-approved instructor, that allows successful completers to earn college credit while still in high school.

Also known as concurrent enrollment, early enrollment, or dual credit.

Designing for Dual Enrollment Programs That Expand Access

- **Target students** - if the goal is to expand access, it is important to identify the students you aim to take these classes in order to achieve that goal.
- **Understanding the systems involved** - High school and college contexts are very different. It is important to be aware of and understand the different environments, systems, and teams to understand how best to coordinate and support successful dual enrollment implementation.
- **Student-centered planning and implementation** - for dual enrollment to meet its intended purpose, it is essential that the focus be centered on supporting the target students to enroll in and successfully complete the course.
- **Partnership-led** - Dual enrollment offers promising benefits to both high schools and colleges, yet it is not a one-size fits all type of project. Successful implementation requires working partnership between the college and each high school partner.
- **Continuously improving** - Designing dual enrollment programs to serve a new population takes learning and adjustment. Partners that actively monitor implementation and evaluate their data, can use this information to improve their design over time.



Exploring Quantway and Statway Dual Enrollment Programs

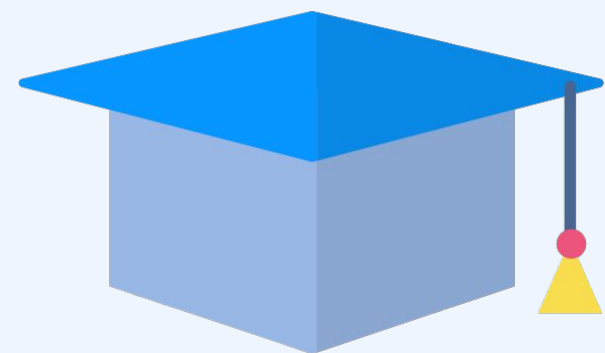
College Partner Perspectives

Carnegie Math Pathways Courses

A holistic approach to math teaching and learning



Research-based pedagogy



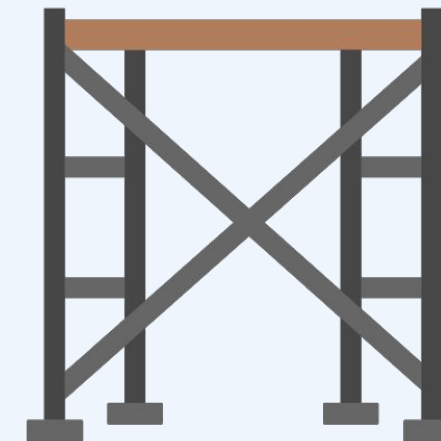
Ensure high quality learning opportunities for all students through an active, discovery based instructional approach

Relevant, contextualized curriculum



Strengthen conceptual knowledge and deepen learning with problem contexts based on real world scenarios relevant and familiar to students

Appropriate supports built into the course



Deliver targeted and effective scaffolding for students who need additional support

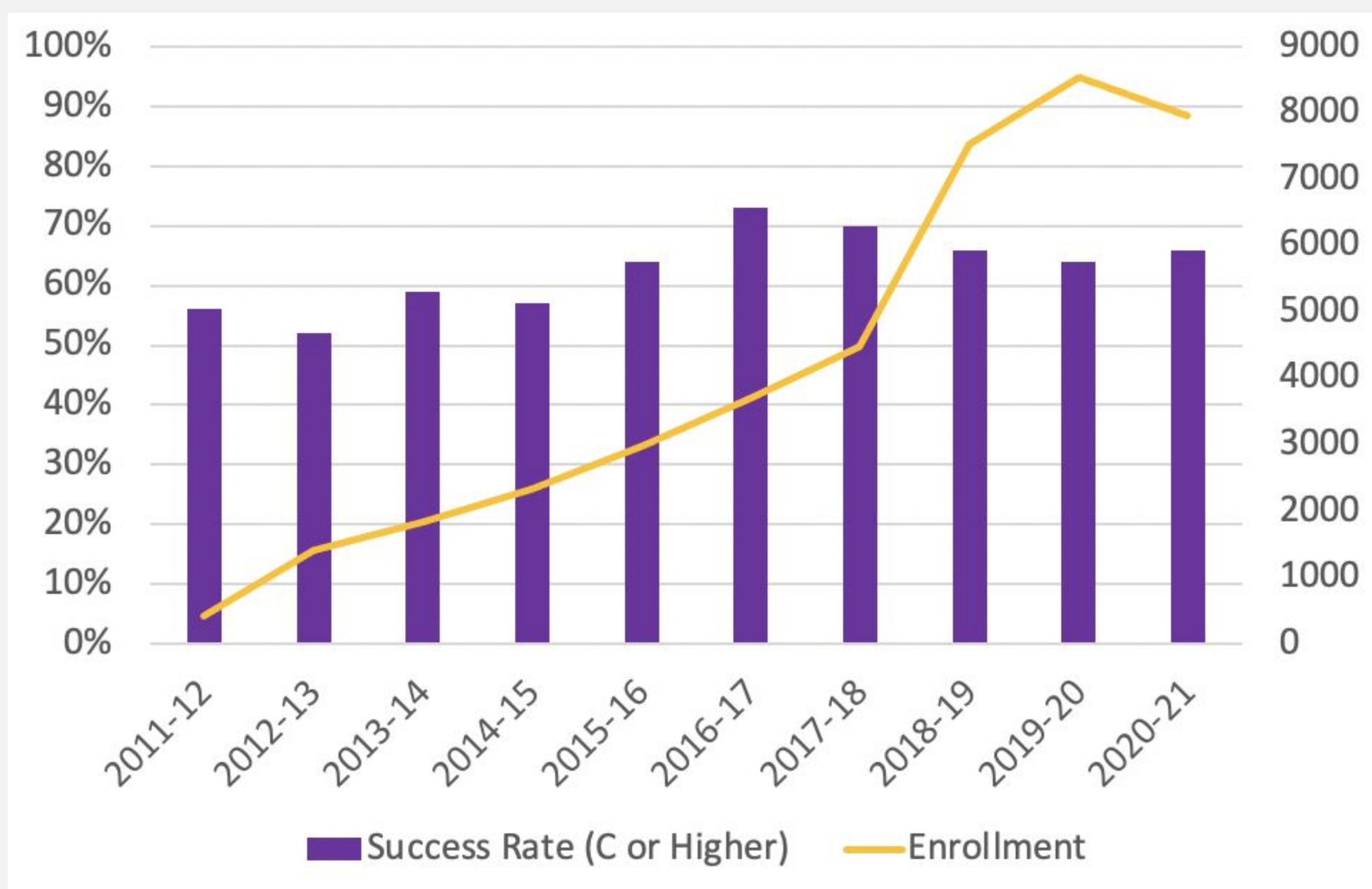
Embedded social emotional supports



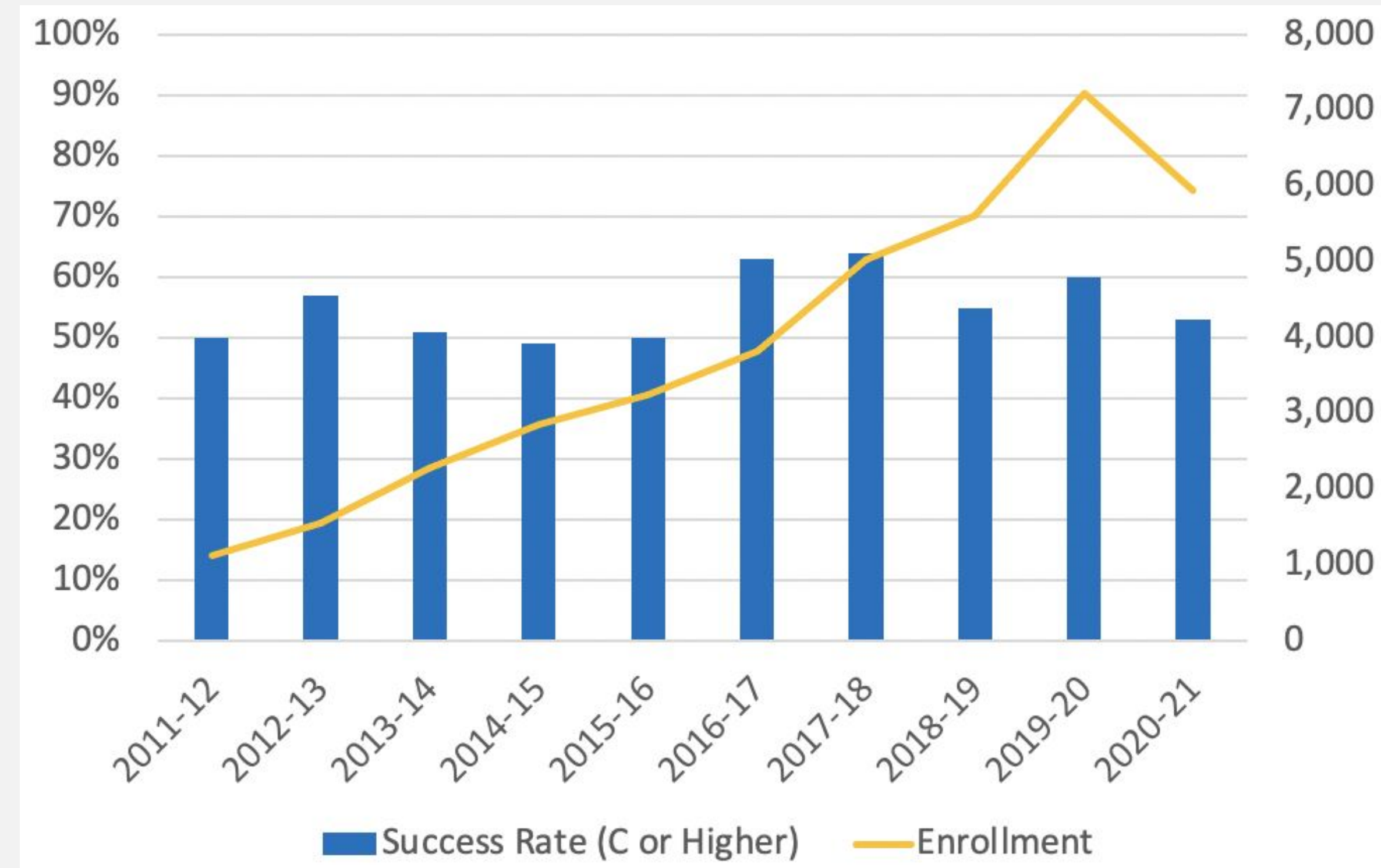
Foster growth mindset, confidence, and belonging to support the whole learner

Increasing Student Success While Scaling

Qw



Sw



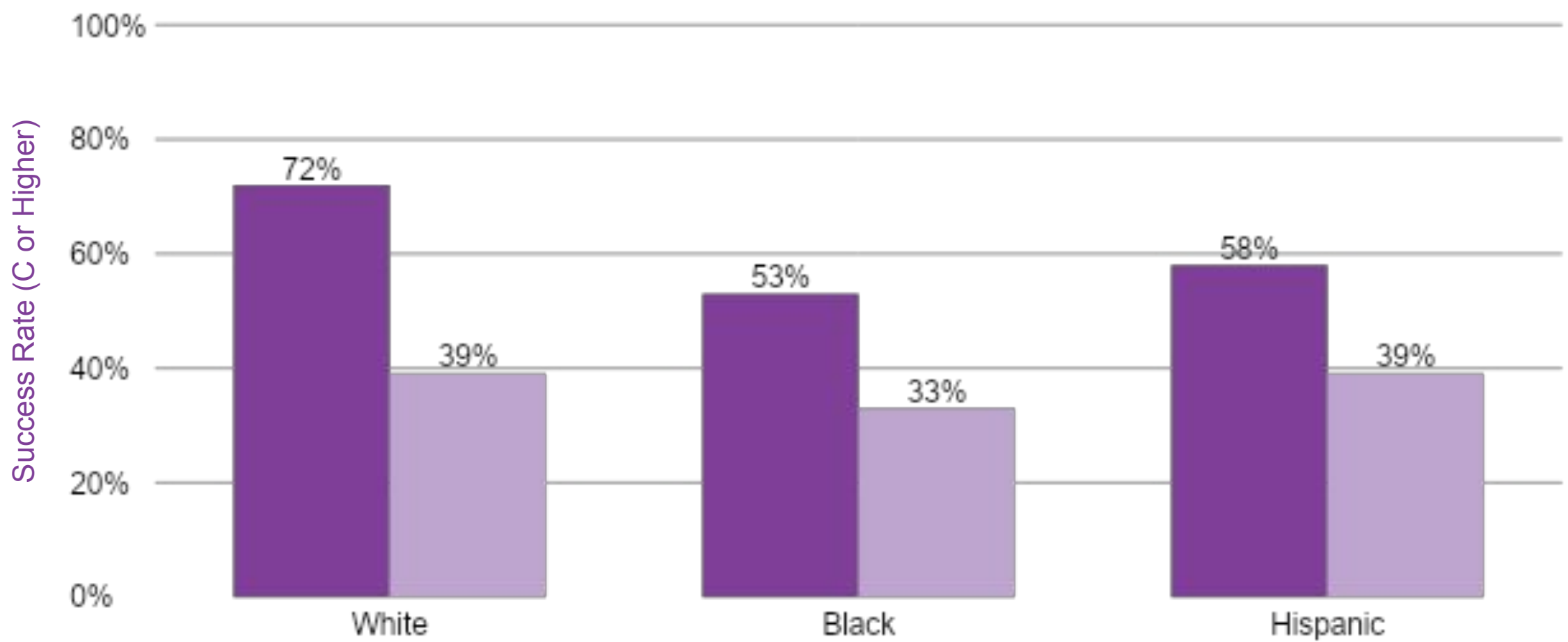


Advancing Equity

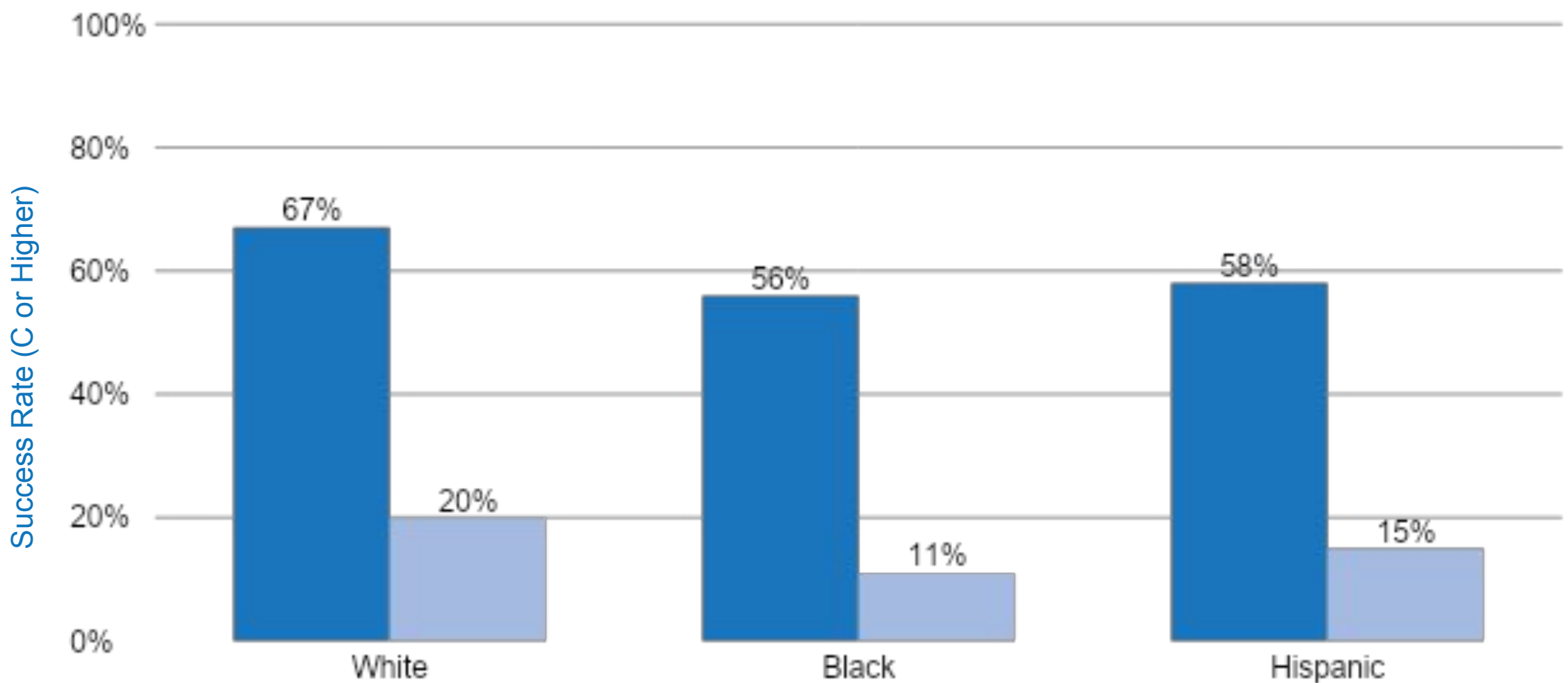
Improving Outcomes For Diverse Groups (2019-20)



- Matched Comparison (1 Year)
- Quantway (1 Term)



- Matched Comparison (1 Year)
- Statway (1 Term)





Madison
College



Normandale
Community College

- What led your college to invest in a quantitative reasoning dual enrollment program?
- Describe your current dual enrollment partnerships
 - (# of schools, how long have they participated, target students)





Madison
College



Normandale
Community College

- What is the credit structure?
- Who teaches the courses?
- How are program costs managed (staff training, student materials, etc.)?
- How did you and your high school partners work to align expectations, course schedules and outcomes, define course success?





Madison
College



Normandale
Community College

- Greatest success?
- Greatest challenge?
- Recommendations?



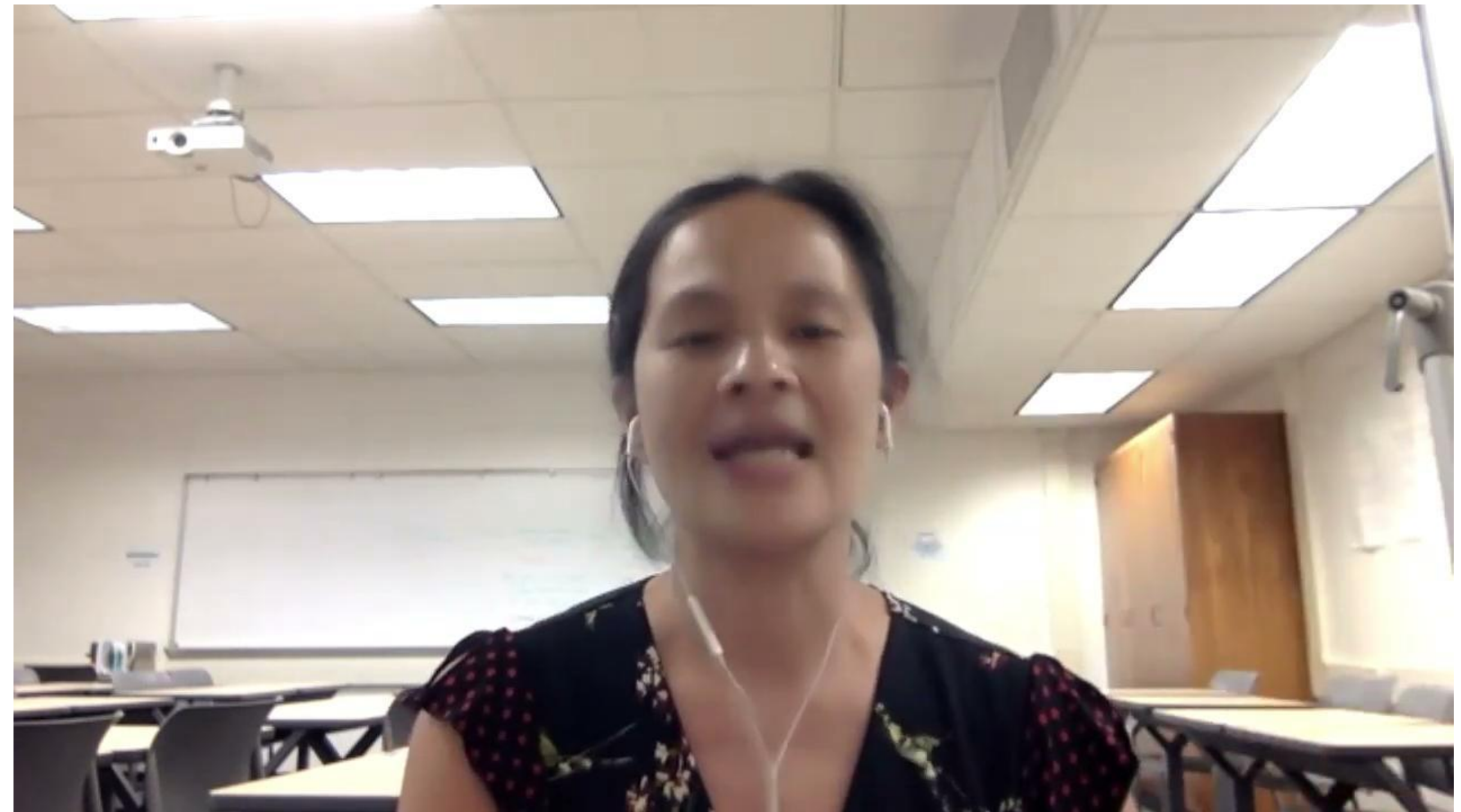


Exploring Quantway and Statway Dual Enrollment Programs

High School Partner Perspectives

I-Heng McComb

F Math Teacher
Fremont High School





Deforest Area High School

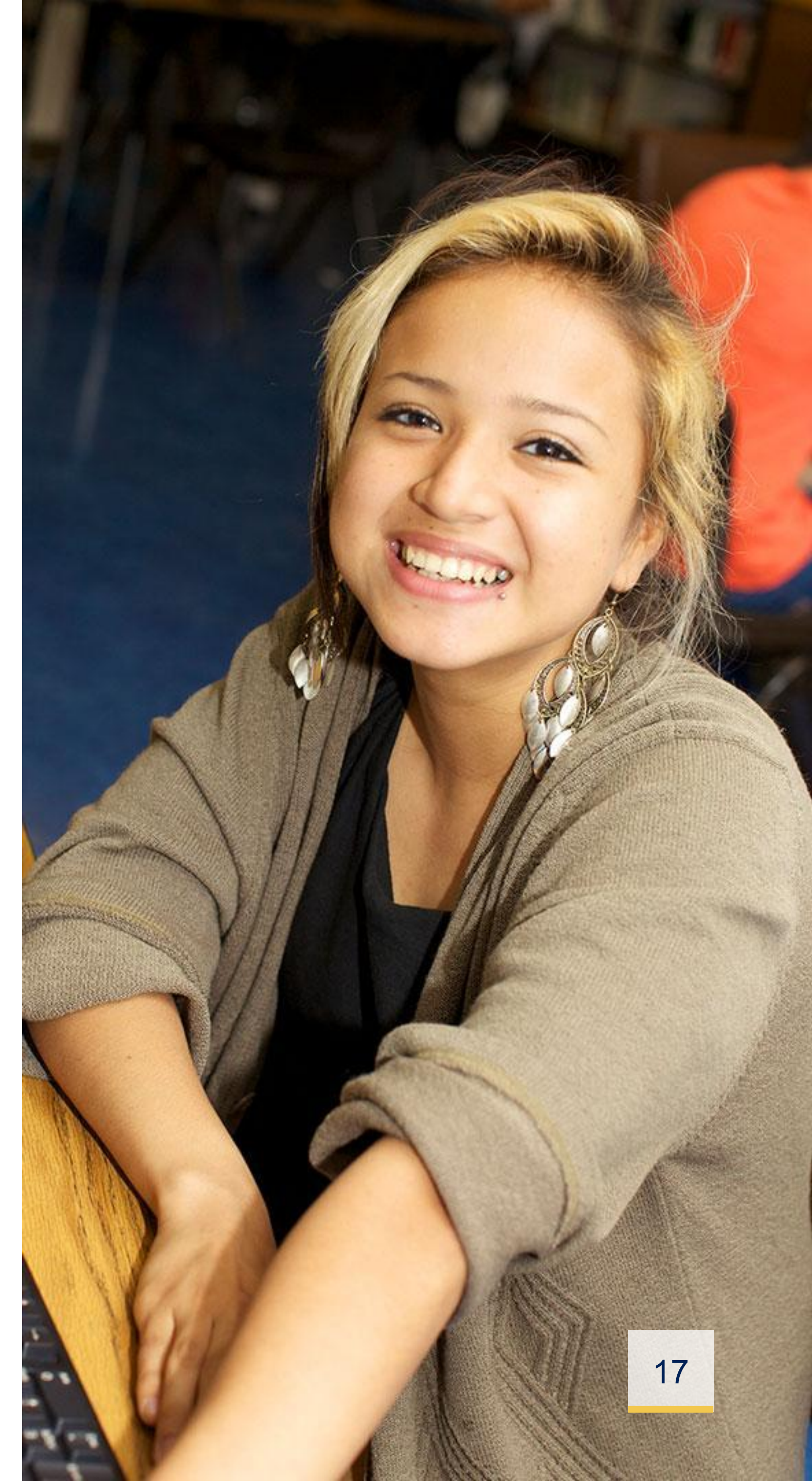
- What is your high school's previous experience with dual enrollment, and how did your school get on board with the math reasoning dual enrollment program?
- What was your experience like teaching the course? How did it differ from previous math courses?





Deforest Area High School

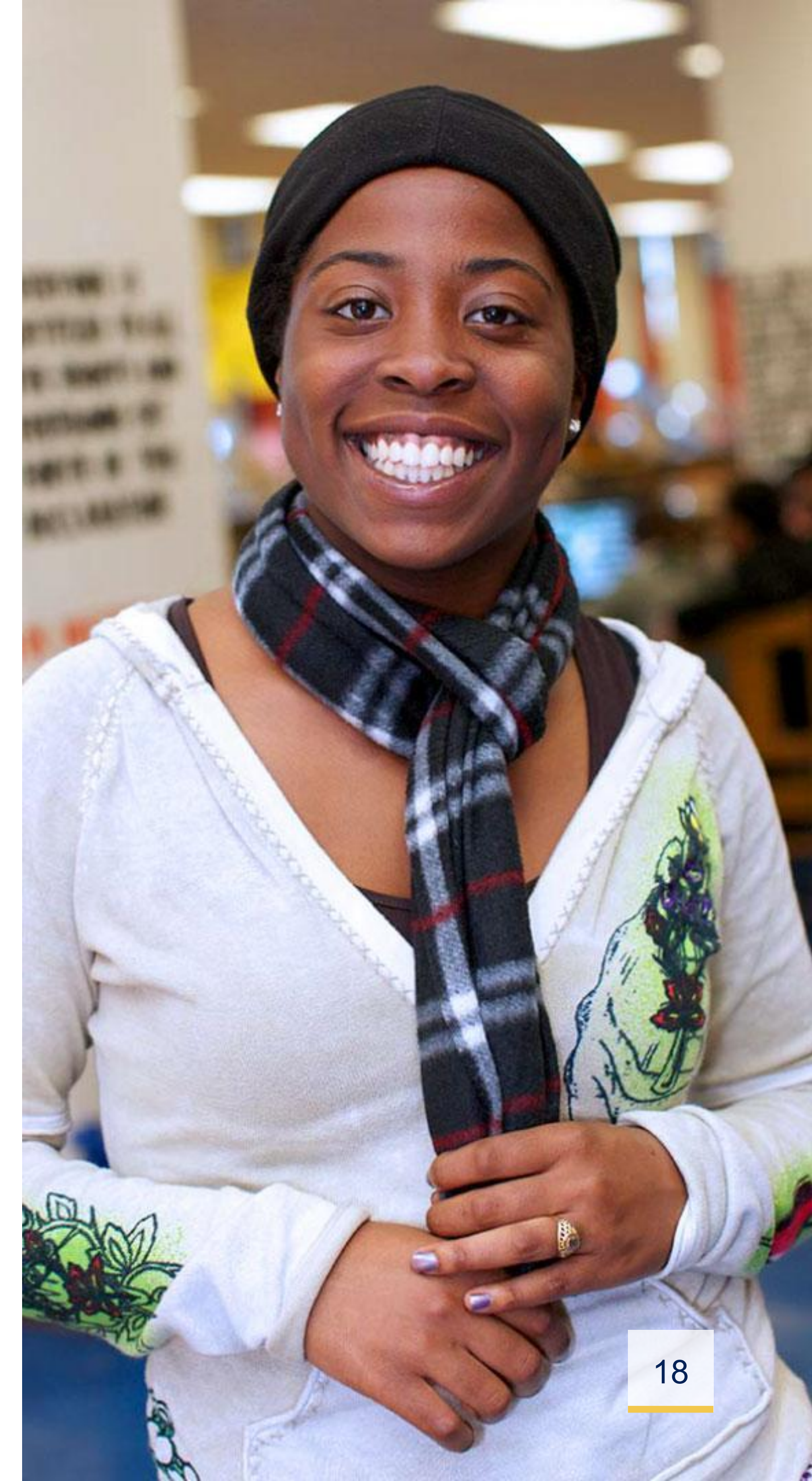
- How are students selected for the course?
- How have you prepared students for entering a dual enrollment course?
- How did students respond in the course?





Deforest Area High School

- Greatest success?
- Greatest challenge?
- Recommendations?



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Q&A





Thank you!

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You can also connect with us at:

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