



Impact Report 2024



**Ready
Set
Excel**

MATH EQUITY FOR SUCCESS

A Year of Change

Dear Friends,

RSE successfully pivoted to pursue a **new strategy and direction in FY2024** focused on empowering **community college students** towards STEM pathways. For a second consecutive year, we partnered with a national non-profit, **Growth Sector**, which creates regional and statewide workforce initiatives that lead disadvantaged youth and adults to high wage, high growth jobs.

RSE collaborated with Growth Sector in their **Summer Bridge program** for over 160 incoming **freshmen** to ready them for college math at **9 community college campuses** across the country. RSE **developed and administered diagnostics to analyze and assess foundations readiness** for their upcoming college math classes. Depending on the campus, the cohorts prepared for **College Algebra, College Precalculus or College Calculus**.

Based on data, we **demonstrated quantifiable impact of the program by showing improved readiness for each cohort**. All the colleges have welcomed RSE back for Summer Bridge 2025. The **impact data** has also provided Growth Sector **hard evidence to present to past and future donors** about its programs' effectiveness.

For RSE, FY2024 was a tense year. As our first foray into the **college space at scale**, it was the litmus test to gauge if we could **successfully pivot** and bring our past K-12 experience and learning of addressing foundational math gaps to bear in the new arena. We opted not to seek any new funding and used program fees and existing reserves for expenses until we had proof of viability.

Encouraged by the response from our partner and the colleges, we are looking ahead to a more confident 2025. We are **continuing to partner with Growth Sector** for Summer Bridge 2025.

We hope to expand our footprint and impact in this new arena in 2025 and gain more partners and supporters.

We are grateful for your continued faith and belief in us.

Maya & Asavari

Empowering Students

OUR MISSION

Our mission is to empower every student to become confident and successful in math and science.

- Deliver diagnostic services to accurately identify gaps in a student's foundational math skills
- Support educators with real-time data and resources to effectively address student needs and improve math confidence
- Provide data-centered program impact analysis

OUR PURPOSE

We envision a world where there is math equity in education: all students have the math skills and self-confidence needed to consider a STEM (science, technology, engineering, math) career pathway or to pursue any life path they may choose.

We believe that math is a life skill and that all students can learn it

Partnering for Success



GROWTH
SECTOR

RSE partnered with **Growth Sector** for the second consecutive year in their **Summer Bridge Program** at **community colleges** across the country. The focus of the program was to **improve math readiness** for college freshmen in Growth Sector's **STEM Core** program.

RSE conducted **math readiness diagnostics** for the college math class each cohort was enrolled in for the Fall 2024 semester. This included **College Algebra, College Pre-Calculus and College Calculus**. In collaboration with the faculty teaching Summer Bridge, RSE **designed diagnostic assessments to evaluate each student's mastery of math foundations** required for the college math class.

Based on RSE's analysis from each cohort's **pre-program assessment results**, the **instructors tailored** their teaching content to address specific needs of that student group. At the end of the 3 or 4 week program, the **post-assessment results** highlighted the progress made by each group. Each student received a **personalized report** with their achievements as well a customized learning plan for their remaining areas of need.

At the end of Summer Bridge, **82%** of students **showed marked improvement** in their scores. Over **23%** of students in the program **improved from below the readiness threshold to meeting or exceeding it**.

RSE's **program impact analysis** based on hard-numbers has given Growth Sector clear proof of Summer Bridge's success. It has propelled them to **extend the summer program to 6 weeks** starting in 2025 to increase their impact.

11

Colleges

160+

Students

82%

Students
improved

15%

Avg. Score
improvement

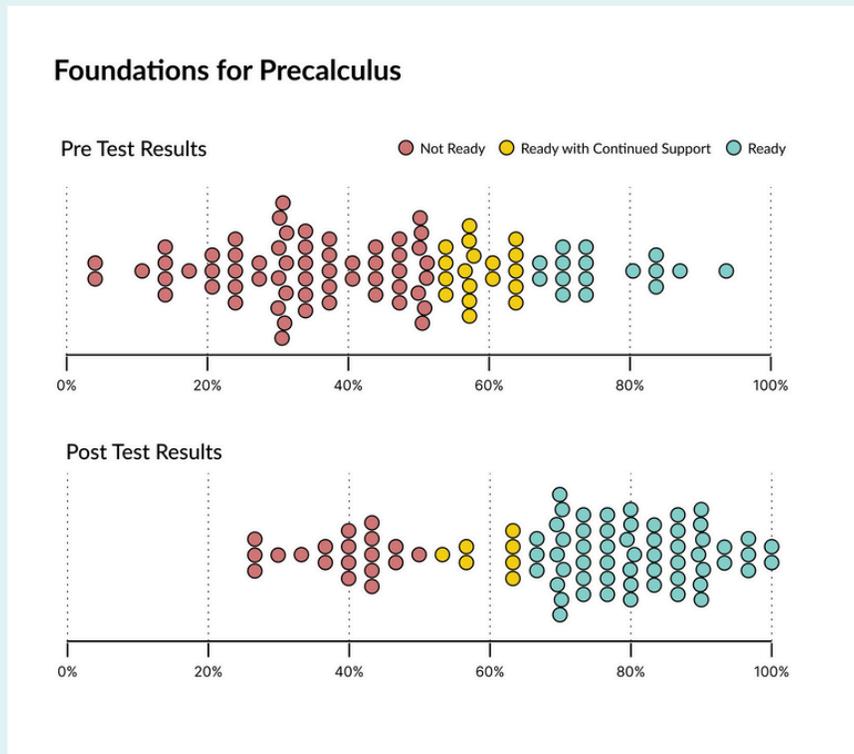


RSE FELT LIKE A TEMPERATURE CHECK VS A TEST AND I WAS ABLE TO SEE MY GROWTH BY THE END - WHICH PRINTED OUT WAS EXCITING TO SEE THE GREEN AREAS HIGHLIGHTED.

Powering STEM Readiness

IMPACTING COLLEGE MATH READINESS

Results from Summer Bridge Program for incoming STEM freshmen preparing for College Pre-Calculus



Similar outcomes for College Algebra and College Calculus cohorts

160+

STUDENTS

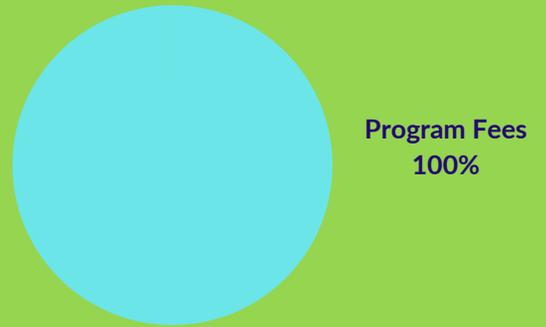
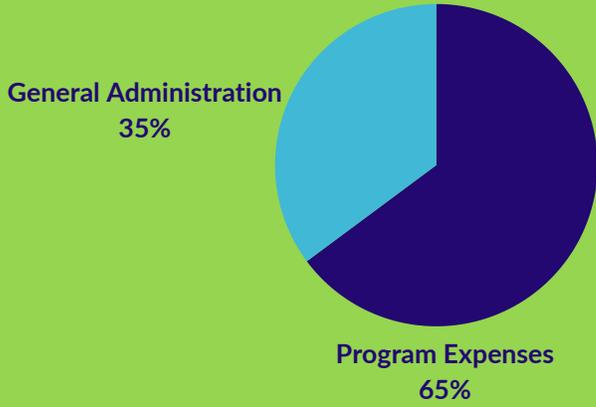
Community College of Aurora, CO
Community College of Baltimore County
Community College of Denver, CO
East Los Angeles College, CA
Evergreen Valley College, CA
Gallup McKinley County Schools, NM
Laney College, CA
Los Angeles City Community College, CA
Ohlone College, CA

Summer Findings

- 82% of students reported score gains at end of Summer Bridge
- College administrators and instructors were surprised by the low pre-scores!
- Only one program offered differentiated instruction for outliers
- At end of summer every program still had students below the readiness threshold
- Growth Sector extended Summer Bridge 2025 from 4 to 6 weeks to improve readiness as a direct result of these findings

OPERATING EXPENSES \$1106

OPERATING REVENUE \$5475



We did not launch any donation campaigns or apply for grants during this fiscal year while we were piloting our new strategy.



Acknowledgements

We are grateful to Gabe Hanzel-Sello, Michael Gruber & Caz Pereira at Growth Sector for believing in us and giving us an opportunity to enter the college arena.

RSE would not have come into existence without the support and encouragement of Mindy Rogers, Diane Sweeney and Chandran & Mallika Sankaran.

Thank you.



All photos courtesy of Growth Sector



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