## PALS: Math



#### SEA Project Annual Goals Cover Sheet Over-arching issues we are trying address: Provide embedded tutoring and mentoring **Group Targeted for Intervention: Metrics: SEA Funding:** ☑New Students ☑ LatinX X All □ Foster Youth □ ☐ Matriculation ☑ Course Completion Number of Students Served 1,515 ☑ African American Students ☑ First Gen ☑ Retention ☐ Transfer □ Asian ☐ Female **⊠**DSPS **⊠** Economically ☐ xfer ENGL in 1 Year ☐ Degrees SEA Funding Amount \$\_ ☐ Certificates ☑ Native American ☐ Male ⊠LGBT Disadvantaged ☐ Attain Living Wage ☐ Access ☐ Adult ED/ESL ☑ Hawaiian/Pac Is. SEA Accounts for <u>100</u> % of Program ☐ Outreach ☐ Other ☐ Other \_\_\_ **PROGRAM PROCESS PROGRAM RESULTS STUDENT OUTCOMES PILLARS Activities** (Outputs) **Resources** (Inputs) What are you specifically doing? What resources are you utilizing? The impact you expect to have. Areas where you expect to see change. Check all that apply. (Credit to Learning Reconsidered 2) Check all that apply. Check all that apply. Check all that apply. (O = Overall project/S = SEA funded) (O = Overall project/S = SEA funded) **Cognitive Complexity** INVITED & WELCOMED **Practical Competence** 0 | S $O \mid S$ ☐ Critical thinking **Civic Engagement** ☐ Effective communication: ☐ Students feel a sense of belonging & a **Personnel** (working directly on project) **Direct Work with Students** ☐ Reflective thinking ☐ Sense of civic capacity to manage one's part of the SRJC Community. ☐ ☐ Faculty □ ☑ 1:1 work with students ☐ Effective reasoning responsibility personal affairs ☐ Students introduced to campus □ □ Manager ☐ ☑ Work with groups of students ☐ Intellectual flexibility ☐ Commitment to public ☐ Economic self-sufficiency activities, support services, and ☐ ☐ Classified Staff ☐ ☐ Work with students prior to ■ Emotional/cognitive life through communities academic programs. and vocational competence of practice ☐ Students' skills, talents, abilities & ☐ ☐ Student Employees (peers) college entry integration ☐ Maintain personal health experiences are recognized; they have ☐ Engage in principled □ STNC ☐ Identity/cognitive and wellness **Support Activities** opportunities to contribute on integration dissent ☐ Prioritize leisure pursuits campus and feel their contributions ☐ ☐ Financial or material assistance Materials ☐ Effective in leadership ☐ Living a purposeful and are appreciated. (\$, books, etc.) Supplies Knowledge satisfying life ☐ ☑ Academic support or preparation ☐ ☐ Printing/Graphics **GUIDED & SUPPORTED** □ □ Understanding ☐ Media, Technology or ☐ ☐ Textbooks/Magazines/Periodicals ☐ ☐ Life, career or other skill building Inter/Intrapersonal Information literacy knowledge from a range ☐ Students know about and utilize ☐ ☐ Matriculation step support of disciplines (acquisition) Competence Services services and supports that help them ☐ Connecting knowledge to **Educational Activities** ☐ Realistic self-appraisal form an opinion, make a decision, ☐ ☐ Travel, Workshops Persistence & Academic other knowledge, ideas, & stay on track. and self-understanding ☐ ☐ Educational programs or workshops ☐ ☐ Equipment Leases/services **Achievement** ☐ Students have a goal and know how to experiences (integration) ☐ Personal attributes ☐ ☐ Educational planning ☐ ☐ External services/contracts ☐ Manage the college achieve it. ☐ Relate knowledge to such as identity, self-☐ ☐ Curriculum development ☐ Students stay on track – keeping their experience to achieve **Equipment/Capital Outlay** daily life (application) esteem, confidence, eye on the prize. academic and personal **Practitioner-focused Activities** ☐ Career decidedness □ □ Furniture ethics and integrity, success **ENGAGED & EMPOWERED** □ ☐ ☐ Professional/staff development ☐ ☐ Technology equipment/software □ Technological spiritual awareness, ☑ Leading to academic goal □ □ Research personal goal setting competence ☐ ☐ Instructional/Non-Inst. Equipment success including degree ☐ Students actively contribute to the ☐ Meaningful relationships college community. Other Humanitarianism attainment **Direct Student Support** ☐ Interdependence ☐ Students feel they are reflected and ☐ ☐ Supplies given to students (meal ☐ ☐ Technology tools or software ☐ Understanding and □ Collaboration ☐ Other: represented in the campus culture vouchers, books, etc.) ☐ ☐ Marketing, Publicity, PR appreciation of human ☐ Ability to work with and motivated to contribute. ☐ ☐ Referral/Utilization of services difference ☐ ☐ Childcare ☑ Students actively participate in class people different from self ☐ Cultural competency and extracurricular activities. ☐ ☐ Awards (given for an award Other ■ Students feel somebody wants to help ☐ Social responsibility received) them succeed.

# SEA Funded Project Review 2019/20

| Project Name | Category            | Contact             | Students<br>served | Students<br>Enrolled | Interactions<br>per Student | Sea Funding<br>Received | SEA funds<br>% of Project |
|--------------|---------------------|---------------------|--------------------|----------------------|-----------------------------|-------------------------|---------------------------|
| PALS Math    | Academic<br>Support | Ivana<br>Gorgievska | 1,515              | 1,515                | per student                 | \$                      | 100%                      |

Please type in your responses to the below questions within the space provided.

### Summarize your projects' overall goals and/or intentions for students.

The Peer Assisted Learning Specialists (PALS) Program provides a framework and then invites faculty and PALS to embody peer assisted learning in the manner best suited for the specific students in their classes. It is intended to help students achieve success by guiding students to cultivate and increase:

- Human Capital (Skills and abilities)
- Social Capital (Networks and connections to engage students in SRJC's Community)
- Cultural Capital (Knowledge of the codes and rules to successfully participate)
- Agency (Awareness that one can overcome any obstacles that might be in one's way)

#### Please describe the specific activities supported by SEA funds.

The above listed goals can be achieved by providing academic support, such as: instructional assistance, embedded tutoring, mentoring and leadership. The funds from this project are used to hire Peer Assisted Learning Specialists (PALS), as STNC employees.

Peer Assisted Learning Specialists' Duties:

- Attend regular class meetings to offer embedded classroom assistance help to students and/or to understand the instructor's
  teaching approach and strategies. At least one hour per week in class is required of all PALS. When determined by instructor,
  PALS will attend more hours weekly.
- Provide grading assistance on low-stakes, formative assessments, as needed. PALS may not have access to grade books. PALS may be added to Canvas as a "PALS" role.
- Hold individual tutoring sessions outside of regular class, as needed. Depending on student demand, these could be small group tutoring sessions. All in person sessions must happen on SRJC campuses, and when possible, these sessions will happen in existing tutoring centers on campus: Tutorial Center or Math Lab.
- Meet with the instructor as needed to plan and prepare.
- Attend any training sessions.

#### Share any highlights or achievements your group had during the year - refer to the following data if applicable.

During the 2019/20 academic year, the MATH PALS project served 1515 students enrolled in 52 sections. Courses that participated in the MATH PALS program during this academic year were Math 150, Math 161, Math 215, Math 154, Math 156, Math 10, Math 16, Math 15, Math 25, Math 58, and Math 27. The project served African American, Asian, Filipino, Latinx, Multi Ethnicity, Native American, Pacific Islander and White students. First generation students, students who received financial aid, foster youth, LGBTG community, DSPS, veterans and the homeless are part of the project.

- 30% of the students enrolled in one of the eligible Math courses were in a PALS supported section.
- Proportions by ethnicity and special populations were on par with the district.
- Persistence: FA19 to SP20 and FA19 to FA20 continued enrollments for students from a PALS section was greater to that of Non-PALS sections across all courses.
- Four of the PALS courses showed greater outcomes than the Non-PALS courses (Math 161, Math 58, Math 154 and Math 215).
   The rest of the courses showed lower completion and retention compared to the Non-PALS sections.
- While the overall course completion and retention rates in the PALS courses were lower than the Non-PALS courses, this years' data are not very representative given the extra-ordinary circumstances and emergency remote instruction. For example, Math 16 shows 41.4% completion and 56.9% retention for the PALS sections, comparted to 56.7% completion and 68.7% retention in the Non-PALS sections. However, this is comparing two sections from the Fall 2019, which were both Non-PALS, to two sections in the Spring 2020, which were both PALS supported. Considering that the Spring semester had to be finished remotely, under unforeseen circumstances, this is not a meaningful comparison. Even further, due to the emergency situation, many of the Spring PALS were not able to fully perform their duties, as intended by the program.

### **MATH**

| Γ            | Headcount           |                |              |  |  |  |  |  |  |
|--------------|---------------------|----------------|--------------|--|--|--|--|--|--|
| & Proportion |                     |                |              |  |  |  |  |  |  |
| Ι.           | Non-PALS PALS       |                |              |  |  |  |  |  |  |
|              | African<br>American | 104<br>2.9%    | 47<br>3.1%   |  |  |  |  |  |  |
|              | Asian               | 152<br>4.3%    | 57<br>3.8%   |  |  |  |  |  |  |
|              | Filipino            | 24<br>0.7%     | 8<br>0.5%    |  |  |  |  |  |  |
|              | LatinX              | 1,507<br>42.4% | 635<br>41.9% |  |  |  |  |  |  |
|              | Multi<br>Ethnicity  | 218<br>6.1%    | 102<br>6.7%  |  |  |  |  |  |  |
|              | Native<br>American  | 19<br>0.5%     | 8<br>0.5%    |  |  |  |  |  |  |
|              | Pacific<br>Islander | 17<br>0.5%     | 8<br>0.5%    |  |  |  |  |  |  |
|              | White               | 1,403<br>39.5% | 586<br>38.7% |  |  |  |  |  |  |
|              | First<br>Gen        | 936<br>26.3%   | 388<br>25.6% |  |  |  |  |  |  |
|              | Low<br>Income       | 1,330<br>37.4% | 550<br>36.3% |  |  |  |  |  |  |
|              | DSPS                | 356<br>10.0%   | 148<br>9.8%  |  |  |  |  |  |  |
|              | Veteran             | 79<br>2.2%     | 55<br>3.6%   |  |  |  |  |  |  |
|              | Foster<br>Youth     | 55<br>1.5%     | 35<br>2.3%   |  |  |  |  |  |  |
|              | LGTBQ               | 35<br>1.0%     | 27<br>1.8%   |  |  |  |  |  |  |
|              | Homeless            | 6<br>0.2%      | 5<br>0.3%    |  |  |  |  |  |  |
|              | Totals              | 3,554          | 1,515        |  |  |  |  |  |  |























