

Interim Grant Report**Eden Health District**

Grantee Organization Name: Prevent Blindness Northern California

Program or Project Name: See Well to Learn (SWTL) - Comprehensive Early Vision Intervention for Low-income Underserved Hayward Preschoolers

Application Number and Grant Amount: 16-007, \$20,500

Organization Contact Person, Phone Number, and Email:

Seth Schalet, CEO

415-567-7500 ext 102

sschalet@eyeinfo.org

Date: June 30, 2017

Signature and title of the individual preparing the report



April Nakayoshi

VP Programs and Evaluation

415-567-7500 ext 103

anakayoshi@eyeinfo.org

1. Please list the objectives of your grant and describe the progress you have made toward meeting each one.

The overarching goal of SWTL is to provide vision intervention to low-income preschoolers attending Hayward Unified School District preschools to improve students' sight. In the immediate term, this vision enhancement will improve engagement, behavior, and academic uptake. HUSD preschools have a high percentage of Hispanic students, usually over 80%, and these children are at higher risk for undetected vision problems as this ethnicity tends to have a higher rate of astigmatism than other ethnicities. Because of the important vision dependent neural development taking place between three-to-five years old, SWTL's vision intervention seeks to achieve long-term impact on the academic and social development of preschoolers served.

Measurable objectives from the grant:

- Screening ~550 students (allowing for absences among the 600-total student HUSD population)

In the period January – May 2017, we have screened 419 preschoolers in the Hayward Unified School District and anticipate reaching our goal as outlined in a later section of the report.

	Projected	Total Screened (Excluding Absents)	Pass	Refer	Unable	Children with Own OD (FFF)	Total Screened: Projected
Cherryland		42	32	8	1	1	
Fairview		40	36	4	0	0	
Harder		36	32	3	0	1	
Helen Turner		227	196	26	2	3	
Palma Ceia		34	28	6	0	0	
Shepherd/SIAC		40	33	5	1	1	
Bowman	30	0					
Park	40	0					
John Muir	75	0					
Totals:	145	419	357	52	4	6	564

- Providing follow-up exams to at least 66 students (11% of all students, 70% of students who fail the test)

Thus far, we have provided follow-up exams to 43 (83%) of the 52 children referred through the screening (10% of all students screened) and anticipate reaching our goal as outlined in section 4 of this report.

- Providing no-cost prescription glasses to all students needing glasses (approximately \$150 value), estimated at 57 students. Children with high prescriptions will receive two free pairs of glasses: one for school and one for home.

Thirty-eight of the 43 children who had eye exams on the Eye Bus were prescribed glasses (88% of students receiving exams). To ensure that children with high prescriptions are never without glasses, three of the children with severe refractive errors received two pairs of glasses each. Also, we have provided additional

glasses to three students who provided a prescription from their own optometrist (“Fit for Frames”). Finally, we have provided replacement glasses to one child who broke his glasses. Total pairs of glasses provided as of this report: 45, and we anticipate reaching the goal by the end of the grant period as detailed in Section 4.

	Refer	Exams	Children Prescribed Glasses	Fit for Frames*	Replaced
Cherryland	8	6	5		
Fairview	4	3	3		
Harder	3	3	2	1	
Helen Turner	26	21	18	1	1
Palma Ceia	6	6	6		
Shepard/SIAC	5	4	4	1	
	52	43	38	3	1
		83%	88%		

*Fit for frames is when children already have a glasses prescription, and See Well to Learn provides them a pair using their current prescription.

- Providing follow-up parent compliance calls for 90% of students receiving glasses (calls will be made to all numbers, but based on historical experience, we anticipate reaching approximately 90% of families due to changed numbers, lack of response to messages, etc.)

We have successfully reached 28 families (74%) for compliance calls, and are still in the process of attempting to reach the other 10 families. It is often difficult to complete 100% of compliance calls due to changed phone numbers and lack of response after multiple calls. Our policy is to attempt at least 3 times to reach a parent and we anticipate reaching 90% by the end of the grant period. 80% of parents reported that child wears the glasses regularly, compared to a 27% national average.

- Providing follow-up school compliance calls for 100% of students receiving glasses

In addition to contacting parents to see if child is wearing the glasses as prescribed, we also check back with the teachers in the classroom. We have completed compliance calls to all teachers of students prescribed glasses (38 calls - 100%). According to teacher report, 92% of children are wearing their glasses regularly at school. This is higher than the parent report and probably due to children who only wear their glasses at school and not at home.

- Providing follow-up vision checks for the approximately 25% of students receiving glasses who present as possibly having more serious vision issues due to high refractive errors and low scores on their visual acuity tests during their Eye Bus exam. Follow-up checks assess if glasses have solved the problem and, if not, PBNC connects children and families to needed care.

Thus far, six students have been identified as requiring follow-up testing (17% of students who have received glasses). We have completed four follow-up vision checks among this cohort. One child was not tested after the parent declined additional support. One student was absent during the testing, so we will

follow-up when school resumes in August. Of the four students tested, two showed improved visual acuity such that immediate continuing care is not necessary. The other two students were recommended for follow up to ensure no additional treatment is required. The families of all four students tested have been contacted regarding the results of the test. This is in line with expectations, as some children have more serious refractive errors that require continued follow-up and we are working with the parents to assure that they have the necessary information for that follow-up.

- Facilitating connection to ongoing care for more severe cases for 100% of students who need it, estimated to be approximately 3% of students who fail the vision test.

One student was referred from the Eye Bus for specialty care with a pediatric ophthalmologist because of a possible, previously undetected cataract. We have been in contact with the parent, who is now in the process of securing an ophthalmology appointment. We will continue to stay in contact with the parent to support them through this process.

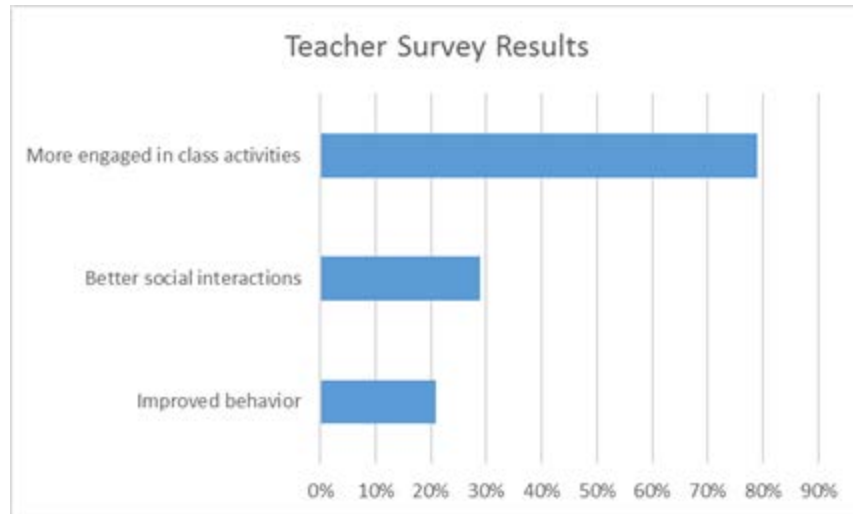
- At least 50% of parents who are on the bus for their child's exams will be surveyed to collect feedback to be used for program quality improvement.

Instead of surveying parents on the bus, we decided to do the surveys regarding program satisfaction during the Glasses are Cool party. At the time of the eye appointment on the bus, parents will not have received the full range of SWTL services, such as glasses delivery, follow-up testing, and ongoing support. By surveying parents after all services have been rendered, it will allow parents to provide more detailed commentary on the program quality.

- PBNC seeks to assess preschool teachers' perception of how SWTL's no-cost prescription glasses impact children's level of engagement, behavior, and academic progress. Teacher feedback will be solicited via predetermined survey when staff makes phone calls to check whether children are wearing their glasses. Qualitative information will also be solicited.

We found it difficult to survey teachers during a phone call, as they are usually in the classroom, so instead sent a survey monkey to ask teachers to assess the effects of glasses on children with previously undetected vision problems. Below are the results of the survey:

- 93% report that all or most of the children adjusted well to their new glasses
- Of the 93%, 43% said that all children adjusted well, while 50% said that most children adjusted well, but there were a couple who did not wear the glasses.
- 80% of the teachers reported that the children with previously undetected vision problems were more engaged in the classroom activities since they started wearing their glasses.
- 30% of teachers reported that the children had better social interactions after they began wearing their glasses. Over 20% reported behavior improvement in the glasses wearers.



Survey comments from individual teachers:

“Those who got glasses are participating in circle time more than before. They can see the illustrations in the books better and it helps them connect to the stories.”

“A second child became more self-confident. He seemed to like the attention”

“[The children who got glasses] participate [more in the activities, mostly requiring eye hand coordination.”

“Handwriting and spelling improvements.”

2. Do you expect to be able to complete the grant objectives by the end of the grant period? Please explain.

We are on track to meet our grant objectives by the end of the grant period. Assuming similar enrollment and referral rates in the three year-round sites, we will be able to serve the ~550 students projected in the grant proposal and provide exams and follow-up care to those referred from screening. During the first half of this grant year, we have accomplished much of the initial screening, exams, and follow-up. In the second half of the year we will provide services at the 3 remaining schools and work to collect additional parent satisfaction information to help demonstrate the improved preschool experience for children served by See Well to Learn.

3. How does your actual progress differ from the timeline in your project application? Please explain.

While mechanical problems with our Eye Bus caused delays in providing exams to some sites, the overall timeline and number of days of service presented in the application remain unaffected. The project was projected to take 25 days total, spread over nine months, and we are on track to complete the project in this period.

4. Do you expect to achieve the measurable outcomes specified in your grant application? Please list those outcomes and explain your current expectations.

- Screening ~550 students (allowing for absences among the 600-total student HUSD population)

Our goal to screen ~550 students should be met by the end of the grant period. Even though we found higher rates of absenteeism, we have already screened 419 students. If the enrollment at the 3 year-round sites is similar to that of last year, we will be able to reach 550 students by the end of the year. We will screen every HUSD school serving preschoolers this year.

- Providing follow-up exams to at least 66 students (11% of all students, 70% of students who fail the test)

To date, we have provided 43 follow-up exams. Although 17 fewer children were referred so far this year compared to this point last year, our follow-up rate from screening to exams has increased 13% (from 70% to 83%) for the 6 sites. Therefore, we have only completed 5 fewer exams over the first half of the grant period than occurred in the same period last year. If the referral rate for the 3 remaining sites is consistent, we expect an additional 25 exams to take place by the end of the year. This would bring the total number of exams to 68, exceeding our goal.

5. Is there anything else you would like the Eden Health District to know about your project?

This is a project that has been highly valued by the teachers and Administration of HUSD, as well as the parents of children whose vision problems weren't known and who are now benefitting from good vision. As reported above, 80% of teachers surveyed found improved classroom engagement in children given classes compared with how they were before the vision was corrected. In addition, there was often improvement in behavior and social interactions, as expressed in the following two quotes, the first from the parent of a children detected with vision problems, and the second from an HUSD teacher.

"It means a lot to me and my family. Now she loves to read! She reads books and books and books up to about 8 or 9 o'clock at night! And she said, 'Mom, I can see the words now!'"

-Janice Bailey, parent of HUSD preschool provided glasses by See Well to Learn

"Anabelle before glasses was very shy, had no confidence. She never participated; she always stayed in a corner and wasn't socializing. It was hard to watch and I didn't know why. Annabelle with glasses – a total change in her personality. So much confidence, she's in the group participating, speaking up more and making friends, enjoying everything she does. Her work has improved, she can read her name, it's been a beautiful transformation."

-Dana Morgan, HUSD Teacher

Embedding the program within the school supports the child wearing glasses, as it becomes part of the classroom experience, and children with glasses are even envied by their classmates! The successful partnership between Eden, See Well to Learn and the Hayward Unified School District Early Education Program was the subject of a video now featured prominently on Eden's website.

<https://www.youtube.com/watch?v=bNYP5fwH1TU>

As See Well to Learn has shown such positive impact in the HUSD preschools, we are currently looking for funding to continue providing these services to HUSD in 2018.

	SWTL HUSD		Eden Health District Budget	Eden Health District Actual	Details
	SWTL HUSD Preschools Budget	Preschools Actual 1/1- 6/30/17			
REVENUE					
Augie Fund (at UCSF)	\$ 2,625	\$1,680			Provides free replacement glasses for children who break or lose their glasses
Eden Township Health Care District	\$20,500	\$10,250	\$20,500	\$10,250	Installment 1 received March 2017
In Kind - Eyeglass lenses	\$3,500	\$2,500		-	Essilor Foundation in kind donation - lenses
PBNC Operating Reserves	\$18,675	\$18,386			
TOTAL REVENUE	\$ 45,300	\$31,136	\$20,500	\$10,250	
EXPENSE					
Personnel	\$26,500	\$ 18,018	\$12,000	\$8,018	SWTL Mgr, SWTL Pgrm Coordinator, SWTL Screeners, Eye Bus Operator, Optometrist, VP Program and Evaluation
Direct expenses	\$9,300	\$ 7,497	\$4,000	\$3,815	Eyeglass frames, cases and lenses, Autorefractor supplies, Labels, RX pads, toys for eyebus, Screening and Exam forms, Educational Materials
Vehicle Expenses/Travel	\$2,000	\$ 1,238	\$1,500	\$1,050	Screener Travel Expenses and Eye Bus fuel & maintenance
TOTAL DIRECT COSTS	\$37,800	\$ 26,752	\$17,500	\$12,883	
Indirect costs salary	\$1,500	\$900	\$1,000	\$300	Office administrative support, including Spanish calls and translation
Indirect costs other	\$6,000	\$3,484	\$2,000	\$1,625	Database and telecommunications, rent, copier
TOTAL INDIRECT COSTS	\$7,500	\$4,384	\$3,000	\$1,925	
TOTAL	\$45,300	\$31,136	\$20,500	\$14,807	