



Mountain View
Whisman
School District

Summer School Programming 2018

Education Services
August 23, 2018



Strategic Plan Alignment

Goal Statement: Achievement gaps will be eliminated for all student groups in all areas.

- **Strategy 2.1:** Implement consistent and equitable instructional programs across the District that include evidence-based best practices for students to access academic content in a 21st Century
 - **Desired Outcome:** Increase the proficiency of English Learners in English Language Arts, math and science
 - **Action:** Provide high-quality extended learning opportunities for students.



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Review of MVWSD summer programs

Summer Programs - Crittenden Campus

- **District Summer School:** Twelve classes with a focus on building early language skills and academic vocabulary through science content. Professional development provided for teachers on using evidenced based language acquisition strategies, writing frameworks and formative data analysis.
- **ALEARN:** Three math classes to help prepare incoming 5th, 6th, and 7th graders to successfully complete math 6.0, 7.0 or 8.0.
- **ELEVATE:** Two math classes to help prepare incoming 8th graders to successfully complete Algebra I in 8th grade or incoming 8th graders to successfully complete Math 8.0.

Summer Programs - Crittenden Campus

- **Extended School Year:** Eight classes for students who require special education and related services in excess of the regular academic year in order to attain and maintain their level of self-sufficiency.
- **Achievement for Language Learners (A.L.L):** One class that provides 6th, 7th and 8th grade Long-Term English Language Learners the opportunity to hone speaking, goal setting, and academic vocabulary skills. Required parent participation at evening parent education classes presented by Foothill Family Engagement Institute.

Summer Programs - Crittenden Campus

- **Castro/Theuerkauf Summer Intervention:** Ten classes that provide students an opportunity to build background knowledge and avoid summer learning loss through STEM instruction - Contracted through Olimpico Learning (Nancy Rafati, CEO and Founder).
- **Stretch to Kindergarten:** Three classes that provide a tuition-free spring and summer kindergarten readiness program for low-income children with no prior preschool experience. STK provides a center based educational experience that will help prepare families and children for kindergarten and school.
- **YMCA Summer Learning Classes:** Two classes that provide a six-week summer program for rising first and second grade students from Castro and Theuerkauf.

Summer Programs - Off Site

- **Valdes Math Institute:** Provide an intervention program for 63 incoming 5-7 grade students struggling in math to learn a full year's course work in 6 weeks. Program located at Stanford University.
- **Peninsula Bridge:** Provide 120 middle school students a summer program with a focus on building academic skills, developing critical thinking skills and a love of learning through an engaging, hands-on curriculum and electives ranging from nutrition to art and robotics. Program located at various independent school locations around the area.
- **The View Teen Center:**
After school program optional for 6th-8th grade students attending programs at Crittenden. The View offers a variety of teen programming, including recreational and educational classes, special events, resources, and drop-in activities for teens to participate in.

Total Enrollment

District Summer School	313
ALEARN	77
Elevate	46
Achievement for Language Learners - ALL	30
Extended School Year	64
Castro/Theuerkauf Summer Program	186
Stretch to Kindergarten	60
YMCA Summer Learning	25
Valdez Math Institute	63
Peninsula Bridge	77
Total Enrollment	941



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New Summer program: Language and Literacy through Science Summer Program

Language and Literacy through Science Summer Program - Logistics

Priority Enrollment

- English Learners and Socio-Economically Disadvantaged students below grade level in English Language Arts

Classrooms

- 12 classes for students in grades 1-6

Schedule

- Student Instruction 8:00 am - 12:00 am M-F for 4 weeks
- Teacher professional development 1-2 pm daily and 2 additional professional development days prior to start of program

Language and Literacy through Science Summer Program - Instructional Framework

Students	Teachers	Families
Daily reading support with leveled informational texts	Explore Next Generation Science Standards and teach science units	Supportive parenting strategies through two evening family workshops: Dr. Seuss Hands on Science Family Night & Literacy Night, "Why Read?"--Mountain View Public Library
Engaging Next Generation Science Standards lessons	SIOP strategy reinforcement including language and content objectives as well as vocabulary development	Culminating science fair/open house
Weekly Garden-based lessons	Guided Language Acquisition Design (GLAD) Strategies - Vocabulary and writing focused	Student work portfolios provided
Hands-on science experiments with culminating science fair project	Technology Integration <ul style="list-style-type: none"> - Science A-Z - GrokSpot - Google Slides 	
Language development through SIOP and GLAD enhanced lessons	Guided Reading	
Mountain View Whisman School District Writing through science concepts	Writing Strategies and protocol	

Student Data

- Students experienced two science units
- Content and writing assessments were given pre and post for each unit
- Overall, there were positive gains in data between the pre and post assessments on both content and writing assessment

Second Grade Writing Pre/Post Writing Test

June 21, 2018

June 29, 2018

Student A1 Work Samples

Animals eat food
Animals run fast.
Animals run slow.
Animals day queist.

Today I learned about Animals. An interesting thing I found out was animals have different parts. For example, Some animals have flat tails fins to swim. Also, Some animals have strong legs to hop and run. Last, animals have wings to fly. In summary, animals have different parts.

Sixth Grade Writing Pre/Post Writing Test

June 21, 2018

June 29, 2018

Student B1 Work Samples

One thing I know about the inside of living things are the veins. The veins pump blood.

There are many interesting things about the inside of living things like cells. One interesting thing is that all living things have cells like plants, animals and more. For example, animals have red and white cells because they have blood and plants don't. Another interesting thing about plant cells is that they are different from animal cells. For example, animals don't have cell walls but plants do because it helps them stay up since they don't have a skeleton. Plants also have different types of tissue cells than animals because the plant's tissue cells store water and phloem or water. In conclusion, there are some ways that cells can work differently than other cells.

Teacher Survey Data

Pluses	Deltas
Teachers really appreciated having two days of professional development prior to start.	Teachers felt the science fair project could have been better aligned to the science units they taught.
Teachers valued the modeling of the strategies they were expected to use during summer school.	Teachers would have liked to come up with their own project question to solve.
Teachers especially liked the writing and vocabulary protocols.	Teachers would like to see some refinement with the yard duty schedule.
Teachers appreciated having time to prepare and plan their science units.	

What We Learned and Confirmed

- Using specific teaching strategies consistently significantly impacts student learning
- Integrating literacy in a content area is powerful and not as difficult as teachers thought
- Using data collaboratively to inform instruction is critical to positive outcomes for students
- Teaching literacy through science increases student engagement
- Hands-on experiences help students learn about a topic more thoroughly
- Focusing on the student use of content vocabulary improves student writing



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Overall Successes

- Maintained the number of programs and refined and expanded District program
 - Changed the District program focus to language development through science
 - Added two teacher professional development days prior to start of program
 - Developed protocols for writing and vocabulary that can be easily used by all teachers
 - Identified additional strategies to supplement SIOP that can be easily incorporated into daily classroom instruction
 - Added student/parent events including a culminating science project demonstration
 - Incorporated Living Classroom hands-on garden lessons in District program grades 1-6
- Served approximately 941 students in summer of 2018 as compared to 936 students in summer 2017 and 866 in summer of 2016

Overall Challenges

- Hiring and retaining staff
 - Finding teachers who want to teach in the summer
 - Hiring teachers from a variety of sites in order to build capacity with new instructional strategies
- Enrolling students
 - Students did not show/dropped for summer programs
- Scheduling / Facilities
 - Many programs on one site due to construction
- Transportation: Transported approximately 500 students each day to and from programs in and around Mountain View

Next Steps

- Refine and revise Language and Literacy through Science program model for 2019
- Support summer of 2018 teacher cohort with additional coaching on integrating new strategies and sharing with grade level and site teams
- Integrate early language and literacy instructional strategies from summer program into the SLOP professional development Framework K-3
- Hire teachers for summer of 2019 in December of 2018 and recruit students in January
 - Create teacher recruitment presentation to be delivered at all sites