

ELEMENTARY SCHOOLS

Jasmine Arjasbi ~ Silver Spur

Sitton Spelling Program - 3rd Grade

Teaching children to become “forever spellers” is the goal with this spelling program; strong support for the bond between spelling and writing will enrich student skills well beyond the 3rd grade classroom.

Jill Beall ~ Soleado

Opposites Attract - Magformers Building Sets

4th grade science curriculum stressing magnetism and geometry will be enhanced through the hands-on use of magnetic geometric shapes.

Shannon Bogart ~ Lunada Bay

3rd - 5th Grade Differentiated Reading Lab

Differences in upper elementary reading ability will be addressed through this McGraw-Hill lab designed for individualized instruction.

Shannon Bogart ~ Lunada Bay

Continuing STEM Education in 3^r - 5th Grade

WeDo Lego Robotics uses motors, tilt sensors, motion sensors and USB hubs to facilitate robotic design, programming and trouble shooting.

Shannon Bogart ~ Lunada Bay

Extending STEM Education Even Further

Two extension sets for existing and new robotic programs will incorporate interactive servo motors, ultrasonic, sound, light and touch sensors as well as renewal resources packs to integrate wind and solar power, encouraging global awareness.

Beth Buchholz ~ Cornerstone

Advancing the Writing Curriculum

Fluency, competency and confidence in 5th grade writing skills will all be boosted through the use of the Step-Up-to-Writing instructional program.

Beth Buchholz ~ Cornerstone

Dream! Connect! Ignite! Conference Attendance

National Council of Teachers of English annual conference will provide opportunities to learn about important new techniques and instructional strategies; info will be shared once back at school.

Megan Dino ~ Soleado

Hot Dots are Hot, Hot, Hot!

Hot Dots pens are electronic devices that correct and praise kindergarten students as they work independently on math and reading skills utilizing pressure-sensitive flash cards.

Mariana Donahoe ~ Soleado

Teaching Critical Thinking with Artifacts

This exchange program engages 4th and 5th graders to identify ‘artifacts’ that represent Palos Verdes; the artifacts are sent in to be forwarded to another school and we receive a box of artifacts from a different elementary school; students use creativity and research skills to try and identify the location.

Mariana Donahoe ~ Soleado

Walk Through the American Revolution

An in-school field trip brings history to life for 5th graders during a 3-hour reenactment using a professional presenter as well as costumed students.

Diana Elliott ~ Soleado

Using Mentor Texts in Writing

Helping 4th and 5th grade students identify what works and what doesn't work for readers, utilizing new resources.

Carrie Ellis ~ Soleado

Sunspotter Solar Telescope

Budding astronomers in grades K-5 will be able to safely view the sun, including sunspots.

Carrie Ellis ~ Soleado

Snap Circuits

4th graders will enjoy this high-tech computer interfaced kit containing over 80 parts to build over 750 experiments, including voice recorder, IC FM radio module, analog meter and vibration meters.

Carrie Ellis ~ Soleado

Speak Easies

Many science questions will be answered by 4th and 5th graders using these colorful magnetic 'stick-ups' – chloroplasts, cell membrane, human heart, food web and digestive and respiratory systems are included.

Heidi Hiatt ~ Mira Catalina

TenMarks Premium

A self-paced math lab allows 4th grade students to progress at their own pace, promoting reinforcement of skills at all levels.

Sandy Horii ~ Silver Spur and Vista Grande

Developing Speech and Language Skills Using an iPad

K - 5 speech therapy/special needs students will benefit from the use of specific iPad apps designed to engage them, as well as align CCSS and technology.

Rondale Johnson ~ Valmonte

Left-Handed Student Supplies

Left-handed TK students will enjoy learning the correct way to write, cut and measure with tools designed especially for them.

Rondale Johnson ~ Valmonte

OT Resources in the Classroom

A special classroom kit containing such items as pencil grips, timers, special scissors and a fitball seating disc will enable students with special needs and/or sensory needs stay focused and able to learn.

Kimberly Libby ~ Vista Grande

Accessing Common Core Standards in Reading Comprehension

This set of Junior Great Books includes books and reader's journals will foster vocabulary growth, better comprehension and collaboration with 3rd grade peers during weekly reading groups.

Lori Marshall ~ Point Vicente

Aquarium of the Pacific: Predators on the Prowl in our Ocean

4th grade Life Science standards will be addressed during this docent-led on-site visit by the Aquarium of the Pacific, including a hands-on opportunity for students to meet and touch local marine life at the Aquarium on Wheels.

Raye Murphy ~ Lunada Bay

Writing to Read in Kindergarten

Kindergarten students enhance their writing skills with the benefit of writing totes, animal and word manuscript stamps and American Sign Language support tools.

Michelle Pierce ~ Rancho Vista

Scholastic Reading Inventory

This Lexiled reading program, utilizing the Scholastic Reading Inventory, motivates 1st and 2nd graders to enjoy reading, matching abilities more closely to material.

Lynae Rathman ~ Montemalaga

Engineering is Elementary!

Materials and teaching guides developed by the Boston Museum of Science introduce 1st graders to concepts of engineering, allowing them to solve problems and communicate findings based on what they have learned.

Denise Ravatt ~ Soleado

The World Peace Game

The DVD “World Peace and Other 4th Grade Achievements” interweaves the story of a 4th grade teacher with his students’ participation in an exercise called the World Peace Game, showcasing the ultimate growth and potential of young people utilizing innovation, flexibility, collaboration and communication.

Bonnie Roth ~ Dapplegray

BrainPOP...Classrooms Bursting with Knowledge

This innovative multimedia program will enhance and enrich learning for 3rd grade students, allowing all types and levels of learners to effectively process challenging topics; this program also aids in implementation of the Common Core State Standards.

Leslie Rowe ~ Cornerstone

Fostering Literacy and Inquiry in the Classroom

This classroom set of “In the Year of the Boar and Jackie Robinson” engages 4th graders, utilizing an award-winning piece of literature to promote greater fluency and reading strategies.

Julie Win ~ Valmonte/Sunrise

“How’s Your Engine Running?”

The Alert Program, by Therapy Works, Inc., is a research-based sensory alert program developed by two occupational therapists for children of all ages, including those with Autism and ADHD; it is designed to help students refocus by regulating their internal ‘engines’.

INTERMEDIATE SCHOOLS

Robyn Benjamin ~ PVIS

Atom Building Games

8th grade science students will use marbles to construct atomic particles and discover electron shells, chemical bonding, isotopes, energy levels and nuclear fusion.

Paula Borstel ~ MIS

Building a Better Atom

The goal of better understanding chemistry in general and atoms in particular will be met by building atomic models of various elements and isotopes.

Scott Garman ~ PVIS

GoPro Hero3 Silver – Capturing the Learning

This camera, used to shoot extreme sports like downhill skiing, can be manipulated to show different images per second, making it ideal for capturing real-world physics, weather patterns and erosion in both slow motion and time-lapse.

Scott Garman ~ PVIS

Tower/Bridge Building

6th grade science and 7th grade STEM students will enjoy the competition of designing and building bridges and towers, then testing them to see how they will fare with earthquake simulation.

Rebecca Jessop ~ PVIS

Core Reading Books for Special Needs students

6th – 8th grade special needs students will enjoy core books such as “The Giver”, “The Messenger”, and “The Gathering Blue” in a format and size designed with them in mind.

Kristi J. King ~ MIS

History Alive! Portable PA System

A portable wireless PA speaker and microphone system will allow all students in the classroom, regardless of ability, to easily hear instruction and direction.

Sandra Kim ~ RIS

Bringing History Alive!

Costumed ‘special guests’ enhance the 7th grade Social Studies experience, bringing first person narrative of their experience and role in history to the classroom.

Sally Leibfried ~ MIS

A Lexiled Book Club for Grades 6 – 8, Part 2

Lexile testing measures reading and comprehension resulting in a numerical marker for each student, allowing them to identify appropriate reading materials in the school library and classroom.

Campbell Nimick ~ MIS

NERDKITS: Electronics Education for a Digital Generation

These electronics kits, developed by two MIT students, provide 7th and 8th graders with more hands-on experience in electrical engineering and computer science.

Scot Oschman ~ RIS

Earth Science DVDs

This set of 15 Bill Nye DVDs will be replacing the popular yet worn-out VHS tapes; topics include Waves, Wind, Heat, Energy, Lakes & Ponds, Biodiversity, Erosion, Climates, Pseudoscience, Wetlands, Food Web, Oceanography, Water Cycle, Deserts and Ocean Exploration.

Alison Seymour ~ RIS

NSTA National Conference

Attending this National Science Teachers conference will ensure that our middle school students have access to the newest ideas and information for success in meeting the CCSS.

Jacquelyn Starodub ~ PVIS

Common Core Standards using e-Beam Edge

This intuitive and interactive whiteboard system will allow for a flipped classroom; lectures can be viewed at home (and e-mailed to absentees) leaving more class time for differentiated instruction, in line with the Common Core State Standards.

HIGH SCHOOLS

Seth Cohen ~ PVPHS

Broadcast News and Video Journalism

An additional iMac computer will provide better editing capabilities and increase productivity for the weekly news program.

Cynthia Damon ~ PVHS

Podcasting (Radio) Equipment

This grant will purchase software and hardware needed to properly grow a recently implemented podcasting project, allowing more collaborative learning experiences for 11th and 12th graders.

Barbara De Witt ~ PVPHS

Poetry Box

A simple yet effective way to bring poetry into high school daily life – free poems plus a distinctive dispenser will encourage students to “put a poem in their pocket”, share with their friends and enjoy.

Mark Greenberg ~ PVPHS

The Weight of the World

Four new digital scales will provide 10th – 12th grade physics students the confidence that their lab results will be extremely accurate, down to the microgram.

Robert Horn ~ PVPHS

What is an American? Voices from Immigrants from Mexico, Cuba and Puerto Rico

Spanish 3, 3 Honors and Spanish 4 students in grades 9 – 12 will benefit from this DVD set which tells the personal stories of various immigrants to the US; skills emphasized will be listening, writing and speaking practice.

Kristy Jimenez ~ PVHS

High School Student Exchange and Broadcast

By visiting Carson High School for a day, 60 11th grade students will have the opportunity to learn about other school systems, ethnic diversity and socio/economic differences. Guided discussion and a podcast will follow along with a visit to our campus by the Carson students.

Allyson Klabe ~ PVHS

Link Crew Curriculum

Link Crew Leaders are 120 current junior and senior students who act as a support system for incoming freshmen students, and this grant will allow implementation of additional programs with new activities, lessons and materials.

Stephanie Peppermuller ~ PVPHS

The Dissection Connection

9th – 12th grade Biology students will be dissecting dogfish sharks to connect textbook learning to what occurs in nature, studying the function and anatomy of the major body systems including respiratory, circulatory, digestive, reproductive and nervous systems.

Stephanie Peppermuller ~ PVPHS

A Dissection Lab Series

Dissection labs of marine worms, clams, squid, starfish, crayfish and perch will connect diversity within species to differential survival within a group of organisms. Students will also examine the progression of forms from simple invertebrates to vertebrates, and the evolutionary implications of adaptations observed.

Jennifer Reichert ~ PVHS

Into the Wild Unit

12th grade English 4 students will enjoy the addition of John Krakauer's *Into the Wild* to the curriculum, relating to their own experiences of becoming adults, paving their own trails in life, and discovering who they want to become.

Michael Spalding ~ PVPHS

Electronic Balances for AP Physics Program

The addition of two electronic balances will streamline the lab process for these AP Physics B students, allowing multiple locations within the classroom to check the mass of an object.

Nicole Thompson ~ PVHS

Page to Stage: The Making of a New Musical

Musical Theater and Drama students will work shop a brand new full-length musical, working with a professional composer/musical director and a professional scriptwriter/lyricist.

Jacqueline A. Valerio ~ PVPHS

Contemporary Culture for French and Spanish

Funds will be used to purchase one year subscriptions to two bi-monthly audio magazines - *Bien-dire* is for French language and *Punto y Coma* focuses on Spanish language, with the audio component demonstrating differences in dialect.

Jacqueline A. Valerio ~ PVPHS

Link Crew Conference

Link Crew Leaders are 100 current junior and senior students who act as a support system for incoming freshmen students; this grant will allow attendance at a Refresher Course for the faculty coordinator in order to continue the training

Christina Varela ~ PVHS

Women Hold up Half the Sky

This critically acclaimed book and DVD will help address the issues of oppression of women and girls in the developing world as a human rights violation.