

## 2009 TRI-VALLEY SCIENCE AND ENGINEERING FAIR

Project Number	FirstName	LastName	Project Title	Teacher	School	Place Award Received	Special Award Received
<b>SENIOR DIVISON</b>							
<i>Animal Sciences</i>							
AS203	Alexa	Danner	The Innate Immune System and Its Ability to Adapt	Frankie Tate	Granada High	1st	American Association for Laboratory Animal Science
AS401T	Krishna	Bommakanti	Au Naturale: How Cinnamon Affects Blood Sugar Levels	Lata Mistry	Amador Valley High	1st	Northern California Institute of Food Technologists, U.S. Army
AS401T	Manogna	Manne	Au Naturale: How Cinnamon Affects Blood Sugar Levels	Lata Mistry	Amador Valley High	1st	Northern California Institute of Food Technologists, U.S. Army
AS202	Camille	Debreczeny	Which Worm?	Julie Nevis	Monte Vista High	3rd	
AS405T	Julianna	Foster	The Effect of Green Tea vs. Water on White Mice	Robin Groch	San Ramon Valley High	3rd	
AS405T	Dylan	Rogers	The Effect of Green Tea vs. Water on White Mice	Robin Groch	San Ramon Valley High	3rd	
AS204	Emily	Lawrence	Pinch Power: The Effect of Herbal Steroids on the Pinch Force of Land Hermit Crabs	Robin Groch	San Ramon Valley High	HM	American Association for Laboratory Animal Science
AS205	Austen	Mauch	The Impact of Light on Butterfly Development	Julie Nevis	Monte Vista High	HM	American Association for Laboratory Animal Science
AS404T	Amit	Goren	Planarian Regeneration	Julie Nevis	Monte Vista High	HM	
AS404T	Jessica	Lanman	Planarian Regeneration	Julie Nevis	Monte Vista High	HM	
AS404T	Mackenzie	Moore	Planarian Regeneration	Julie Nevis	Monte Vista High	HM	
AS409T	Annaliese	Elam	Effect of Temperature on Amount and Sex of Artemia Franciscana's Nauplius Larvae	Robin Groch	San Ramon Valley High	HM	
AS409T	Marissa	Lee	Effect of Temperature on Amount and Sex of Artemia Franciscana's Nauplius Larvae	Robin Groch	San Ramon Valley High	HM	
AS409T	Jenna	Leech	Effect of Temperature on Amount and Sex of Artemia Franciscana's Nauplius Larvae	Robin Groch	San Ramon Valley High	HM	
<i>Biochemistry</i>							
BC203	Alison	Burklund	Finding the Optimal Decontamination Method for Bacillus Anthracis Spores in a Contaminated Drinking Water System	Helen Brew	The Athenian	1st	U.S. Air Force, Zone 7 Water
BC201	Tommy	Hoffmann	Iron Content of Gluten Free Bread	Robin Groch	San Ramon Valley High	HM	
BC402T	Blake	Rogers	Vitamin C and Sugar Levels of Apples	Robin Groch	San Ramon Valley High	HM	
BC402T	Sophie	Van Backle	Vitamin C and Sugar Levels of Apples	Robin Groch	San Ramon Valley High	HM	
<i>Behavioral and Social Sciences</i>							
BE208	Nikhil	Gupta	"Hands-Free Not For Me"	Julie Nevis	Monte Vista High	1st	U.S. Navy, U.S. Public Health Service
BE408T	Gabriel	Bronshteyn	A Study of Fish Response Based on Temperature Change	Julie Nevis	Monte Vista High	1st	
BE408T	Vinayak	Ganeshan	A Study of Fish Response Based on Temperature Change	Julie Nevis	Monte Vista High	1st	
BE201	Alyssa	Wang	Chocolate: Its Effect on Human Memory as Compared to its Ingredients	Julie Nevis	Monte Vista High	2nd	
BE202	Alexander	Saad	The Effects of Caffeine and Tryptophan on Short Term Memory	Robin Groch	San Ramon Valley High	3rd	
BE402T	Jessica	Bank	Basic Effects of Music on Memorization	Julie Nevis	Monte Vista High	3rd	
BE402T	Kelsey	Stephanides	Basic Effects of Music on Memorization	Julie Nevis	Monte Vista High	3rd	
BE403T	Brittany	Arnold	You're Treading in Hot Water	Frankie Tate	Granada High	3rd	
BE403T	Emily	Paddack	You're Treading in Hot Water	Frankie Tate	Granada High	3rd	
BE203	Natasha	Halarnkar	Genes and I.Q.	Julie Bitnoff	California High	HM	
BE301T	Anna	Hutchison	Fear Factor: Does Fear Change With Age?	Susan Johnston	Livermore Valley Charter	HM	
BE301T	Candice	Vieira	Fear Factor: Does Fear Change With Age?	Susan Johnston	Livermore Valley Charter	HM	
BE401T	Austin	Boehrer	Is Talking on a Cell Phone Dangerously Distracting?	Frankie Tate	Granada High	HM	
BE401T	Patrick	Daniels	Is Talking on a Cell Phone Dangerously Distracting?	Frankie Tate	Granada High	HM	
BE401T	Grayson	Lindstrom	Is Talking on a Cell Phone Dangerously Distracting?	Frankie Tate	Granada High	HM	
BE409T	Rudresh	Amin	The Effects of Music on Concentration	Frankie Tate	Granada High	HM	
BE409T	Soudabeh	Sedghi	The Effects of Music on Concentration	Frankie Tate	Granada High	HM	
<i>Chemistry</i>							
CH206	Louis	Li	Individualizing Targeted Delivery of Anticancer Medicine	Patti Carothers	Monte Vista High	1st	

Project Number	FirstName	LastName	Project Title	Teacher	School	Place Award Received	Special Award Received
<i>Cellular and Molecular Biology</i>							
CM403T	Abdul	Deeb	DNA Degredation	Frankie Tate	Granada High	2nd	
CM403T	Vikas	Ravi	DNA Degredation	Frankie Tate	Granada High	2nd	
CM403T	Alexander	Summers	DNA Degredation	Frankie Tate	Granada High	2nd	
CM202	Elizabeth	Homen	Seed Respiration	Frankie Tate	Granada High	HM	
<i>Environmental Management</i>							
EM202	Amanda	Johnston	Delta Disaster? SJ-Sac Delta Levee System 2005-2009	Susan Edgar-Lee	Livermore High	1st	U.S. Army, National Oceanic and Atmospheric Administration, Stockholm Junior Water Prize
EM401T	Ethan	Wang	The Effect of Biodegradable Plastic on Plant Growth	Robin Groch	San Ramon Valley High	2nd	
EM401T	Nathan	Young	The Effect of Biodegradable Plastic on Plant Growth	Robin Groch	San Ramon Valley High	2nd	
<i>Engineering</i>							
EN201	Vicki	Hsieh	From Nature to Solar Cell: Optimizing the Tobacco Mosaic Virus Coat Protein Scaffold for Organic Light Harvesting.	Andrew White	California High	1st	American Vacuum Society - 2nd Place \$50, U.S. Air Force
EN203	Uzair	Mohammad	Generation Nation-Generating Electricity Through Everyday Motion	Elizabeth Lopez	Granada High	1st	IEEE, U.S. Navy, Ricoh Americas Coporation
<i>Energy Transporation</i>							
ET402T	Sydney	Corona	Green is the New Black	Julie Nevis	Monte Vista High	2nd	U.S. Metric Association
ET402T	Kelly	Kimball	Green is the New Black	Julie Nevis	Monte Vista High	2nd	U.S. Metric Association
ET402T	Katie	Rhoades	Green is the New Black	Julie Nevis	Monte Vista High	2nd	U.S. Metric Association
ET401T	Daniel	Droege	Windmill Efficiency	Frankie Tate	Granada High	HM	American Meteorological Society
ET401T	John	Knowles	Windmill Efficiency	Frankie Tate	Granada High	HM	American Meteorological Society
ET401T	Cameron	Ramsey	Windmill Efficiency	Frankie Tate	Granada High	HM	American Meteorological Society
<i>Environmental Sciences</i>							
EV405T	Omsri	Bharat	Disperse the Curse: The Effect of Dispersants on Oil Spills in Water of Different Salinities	Paula Simms	Amador Valley High	2nd	Stockholm Junior Water Prize
EV405T	Julie	Ding	Disperse the Curse: The Effect of Dispersants on Oil Spills in Water of Different Salinities	Paula Simms	Amador Valley High	2nd	Stockholm Junior Water Prize
EV201	Peter	Chang	Using Gray Water and How Gray Water Affects Plants	Robin Groch	San Ramon Valley High		U.S. Army
<i>Mathematics</i>							
MA202	William	Chen	Cascading Queues and the Golden Ratio: An Approach to Optimizing M/M/I Queues with Delayed Feedback	Beth Cutter	Amador Valley High	1st	IEEE, U.S. Army, U.S. Navy, MU Alpha Theta
MA201	Kevin	Johnston	Illogical Problem Proven: A Numerical Computation of the Monty Hall Problem	Renee Haugen	Livermore High	2nd	
<i>Microbiology</i>							
MB206	Rebecca	Herman	Bacterial Resistance to Disinfectants	Julie Nevis	Monte Vista High	1st	
MB403T	Steven	Bude	Does Staphylococcus Epidermidis form a Resistance to Certain Household Antibacterial Substances?	Julie Nevis	Monte Vista High	1st	
MB403T	Michael	Chiang	Does Staphylococcus Epidermidis form a Resistance to Certain Household Antibacterial Substances?	Julie Nevis	Monte Vista High	1st	
MB403T	Ryder	Thomas	Does Staphylococcus Epidermidis form a Resistance to Certain Household Antibacterial Substances?	Julie Nevis	Monte Vista High	1st	
MB201	Elizabeth	Wolske	Comparing Bacteria on Fingerprints	Julie Nevis	Monte Vista High	3rd	
MB402T	Clara	Min Oh	The Effects of Dish Soap on E. Coli Bacteria	Julie Nevis	Monte Vista High	3rd	
MB402T	Jillian	Tom	The Effects of Dish Soap on E. Coli Bacteria	Julie Nevis	Monte Vista High	3rd	
MB405T	Stephanie	Cheu	Are Teachers or Students More Likely to Get Sick?	Julie Nevis	Monte Vista High	3rd	
MB405T	Sandra	Hui	Are Teachers or Students More Likely to Get Sick?	Julie Nevis	Monte Vista High	3rd	
MB405T	Francesco	Sergi	Are Teachers or Students More Likely to Get Sick?	Julie Nevis	Monte Vista High	3rd	
MB202	Thomas	Palumbo	The Effectiveness of Air Filters on Airborne Allergens	Robin Groch	San Ramon Valley High	HM	
MB210	Joshua	Williams	The Comparison of the Antibacterial Properties of the Cacao Bean to Other Antibiotics	Julie Nevis	Monte Vista High	HM	
MB214	Erica	Bender	Does Medicine Increase Bacteria Growth?	Julie Nevis	Monte Vista High	HM	

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<i>Medicine and Health</i>							
MH203	Brigitte	Eder	Antibiotic Resistance Induced by Subinhibitory Exposure	Frankie Tate	Granada High	1st	
MH204	Karna	Adam	The Anti Oxidative Effects of Omega 3 Oils vs. Omega 6 Oils in the Memory Curves in Planaria	Julie Nevis	Monte Vista High	2nd	
MH207	Abhiraj	Chowdhury	Prevalence of Obesity Compared with Physically Active Adolescents	Greg Martinez	Foothill High	3rd	
MH201	Kaity	Tallarico	What is on your Library Book?	Frankie Tate	Granada High	HM	
MH402T	Courtney	Cheng	Happy Feet: The Effect of Foot Detox Pads on Toxins in the Body	Robin Groch	San Ramon Valley High	HM	
MH402T	Darlene	Dang	Happy Feet: The Effect of Foot Detox Pads on Toxins in the Body	Robin Groch	San Ramon Valley High	HM	
MH402T	Rachel	Saw	Happy Feet: The Effect of Foot Detox Pads on Toxins in the Body	Robin Groch	San Ramon Valley High	HM	
MH406T	Justin	Chan	Spice Cabinet Hospital	Julie Nevis	Monte Vista High	HM	
MH406T	Brian	Jue	Spice Cabinet Hospital	Julie Nevis	Monte Vista High	HM	
MH406T	Sachal	Nanda	Spice Cabinet Hospital	Julie Nevis	Monte Vista High	HM	
<i>Physics</i>							
PH202	<b>Harikrishna</b>	<b>Rallapalli</b>	<b>Fast Low-Cost Bisphenol-A Detector</b>	<b>Eric Thiel</b>	<b>Amador Valley High</b>	<b>1st</b>	<b>American Vacuum Society - 1st Place \$100, IEEE, National Society of Professional Engineers, Yale Science and Engineering</b>
PH201	Garrett	Stevenson	Biomagnets Hoax or Healing?	Renee Haugen	Livermore High	2nd	
<i>Plant Sciences</i>							
PL201	Alena	Harris	Crown Gall and Natural Antibacterials	Frankie Tate	Granada High	1st	
PL203	Nisha	Dalvie	Exploring the Effect of Malic Acid and Potassium Stomatal Opening	Julie Nevis	Monte Vista High	1st	
PL405T	Ayesha	Murtuza	Killer Plants	Frankie Tate	Granada High	1st	
PL405T	Ashley	Solorzano	Killer Plants	Frankie Tate	Granada High	1st	
PL405T	Jiazhao	Xu	Killer Plants	Frankie Tate	Granada High	1st	
PL407T	Avani	Jariwala	Zap Your Plants: Will Low Level EMF Influence Photophosphorylation	Eric Thiel	Amador Valley High	1st	Society for In Vitro Biology
PL407T	Meghana	Kumar	Zap Your Plants: Will Low Level EMF Influence Photophosphorylation	Eric Thiel	Amador Valley High	1st	Society for In Vitro Biology
PL208	Emily	Berson	Graywater's Effect on Seed Germination	Julie Nevis	Monte Vista High	2nd	Dublin San Ramon Services District - \$150
PL213	Krista	Sawchuk	Can String Beans Grow in Salt Water Conditions?	Julie Nevis	Monte Vista High	2nd	Dublin San Ramon Services District - \$150
PL402T	Brady	Comerford	The Effect of Non-Prescription Drugs in the Water, on Water Hyacinth	Robin Groch	San Ramon Valley High	2nd	Zone 7 Water
PL402T	Adam	Rueckert	The Effect of Non-Prescription Drugs in the Water, on Water Hyacinth	Robin Groch	San Ramon Valley High	2nd	Zone 7 Water
PL207	Austyn	Byassee	Acid-Rained Roots	Frankie Tate	Granada High	3rd	
PL210	Rachel	Smith	The Effect of Estrogen Supplement on Nasturtium Plant Growth	Robin Groch	San Ramon Valley High	3rd	
PL406T	Kristen	Huey	Vitamin C in Broccoli	Julie Nevis	Monte Vista High	3rd	
PL406T	Rayna	Yang	Vitamin C in Broccoli	Julie Nevis	Monte Vista High	3rd	
PL406T	Raymond	Zhu	Vitamin C in Broccoli	Julie Nevis	Monte Vista High	3rd	
PL202	Chris	Bain	The Effect of Ashes on Seed Germination Speed	Julie Nevis	Monte Vista High	HM	
PL205	Sutton	Guldner	Does the Color of Light a Plant Receives Affect its Time Until Flowering?	Julie Nevis	Monte Vista High	HM	
PL209	Danielle	Yee	Effect of Tea on the Germination of Fava Bean Plants	Julie Nevis	Monte Vista High	HM	
PL401T	Meghan	Veilleux	A Soybean Symphony!	Julie Nevis	Monte Vista High	HM	
PL401T	Dennis	Zhao	A Soybean Symphony!	Julie Nevis	Monte Vista High	HM	
PL403T	Andrew	Li	The Effect of Different Fertilizers on Vitamin C Concentration in Cherry Tomatoes	Julie Nevis	Monte Vista High	HM	
PL403T	Neil	Liu	The Effect of Different Fertilizers on Vitamin C Concentration in Cherry Tomatoes	Julie Nevis	Monte Vista High	HM	
<b>JUNIOR DIVISON</b>							

Project Number	FirstName	LastName	Project Title	Teacher	School	Place Award Received	Special Award Received
<i>Behavioral and Social Sciences</i>							
BE161	Krista	Schaarschmidt	Trust of Intuition vs. Knowledge of Material	Jeanine Gillengerten	St. Raymond Catholic	1st	American Psychological Association, Discovery 3M Young Scientist Challenge
BE103	Niveditha	Raghavan	A Study on the Relationship Between Swimmer's HD and Their Preferred Strokes	Lynn Gatehouse	Harvest Park Middle	2nd	
BE101	Yasmeen	Haider	Effects of Color and Music on Mood	Susan Wijeyesekera	Livermore Valley Charter	3rd	
BE170	Abby	Maguire	Bars, Bon Bons or Belgiems: Priceless Per Pound?	Jeanine Gillengerten	St. Raymond Catholic		Northern California Institute of Food Technologists
<i>Biological Sciences</i>							
BL114	Jessie	Fields	An Investigation Into the Learning Capabilities of the Venezuelan Deadleaf Mantis	Irene Brewster	Venture	1st	Discovery 3M Young Scientist Challenge
BL105	Jessica	Hoang	Bacteria Blocked by Toilet Covers	Regina Brinker	Christensen Middle	2nd	
BL131	Jack	Senna	Bact-liminator	Jeanine Gillengerten	St. Raymond Catholic	2nd	
BL306T	Mia	Nakajima	The Effect of Plants in the Tundra on Global Warming	Pam Serzen-Dayton	Iron Horse Middle	2nd	
BL306T	Hana	Reynolds	The Effect of Plants in the Tundra on Global Warming	Pam Serzen-Dayton	Iron Horse Middle	2nd	
BL108	Sara	Brown	The Perfect Balance (Osmosis and Eggs)	Suzette Takei	Sunol Glen	3rd	
BL111	Halie	Sonnenschein	Is Sugar-Free a Healthy Alternative?	Suzette Takei	Sunol Glen	3rd	
BL161	Ashlyn	Frost	Can You Smell It?	Jeanine Gillengerten	St. Raymond Catholic	3rd	
BL102	Mina	Nayeri	Fried Shrimp? The Effects of Electromagnetic Fields on Brine Shrimp Eggs	Jason Miller	Pine Valley Middle	HM	Discovery 3M Young Scientist Challenge
BL110	Gautam	Ramesh	Bones: Decalcified	Julie Cienti	Diablo Vista Middle	HM	Discovery 3M Young Scientist Challenge
BL113	Ali	Sleiman	What is the Growth Difference Between Earth Based Seeds and Seeds that Were in Space?	Regina Brinker	Christensen Middle	HM	
BL165	Amalia	Martinez	iGrow	Jeanine Gillengerten	St. Raymond Catholic	HM	
BL304T	Chandni	Mistry	Clear the Air	Pam Serzen-Dayton	Iron Horse Middle	HM	
BL304T	Jagi	Ravipati	Clear the Air	Pam Serzen-Dayton	Iron Horse Middle	HM	
BL304T	Anita	Yu	Clear the Air			HM	
<i>Computer Science</i>							
CS102	Rachel	Sowa	Accelerating Accelerometer Applications: Do Code Libraries Help?	Regina Brinker	Christensen Middle	1st	U.S. Navy, U.S. Air Force, Discovery 3M Young Scientist Challenge
CS103	Naveen	Chakicherla	A Novel Analysis of NASA Satellite Images to Identify Hotspots in the Cityscape for Carbon Footprint Reduction	Britt Peterson	Windemere Ranch Middle	1st	American Vacuum Society - 2nd Place \$50, U.S. Navy
<i>Math and Computer Science</i>							
MC102	Priya	Sri-Tharan	Paparazzi with the Stars	Regina Brinker	Christensen Middle	2nd	
MC105	Nathan	Gilbreth	Robot Phonetics	Jason Miller	Pine Valley Middle	2nd	
<i>Physical Science</i>							
PS103	Sumana	Rallapalli	Tribo-Light	Debra Mintz	Pleasanton Middle	1st	IEEE
PS104	Carina	Salcedo	Feeding My Flock	Susan Johnston	Livermore Valley Charter	1st	Discovery 3M Young Scientist Challenge
PS110	Jacquelyn	He	Keep the Heat	Jason Miller	Pine Valley Middle	1st	
PS118	Jessica	Clouse	Where There's a Wind, There's a Way	Larissa Myers	Pine Valley Middle	1st	
PS133	Maureen	O'Neill	Does the Strength of a Magnet Vary with Temperature?	Jason Miller	Pine Valley Middle	1st	American Vacuum Society - Honorable Mention \$25, ASM Materials Education Foundation
PS137	Karishma	Pareek	Correlating Solar Activity with Seismic Activity on Earth	Jason Miller	Pine Valley Middle	1st	U.S. Navy, Association for Women Geoscientists, Discovery 3M Young Scientist Challenge
PS139	Thomas	Tobin	Testing the Durability of Different Wood Furniture Care Product Coatings When Exposed to Common Food Stains	Jason Miller	Pine Valley Middle	1st	
PS308T	Brian	Garcia	Is There Muck in the the Water? Analyzing the Water of Local Waterways	Susan Johnston	Livermore Valley Charter	1st	Zone 7 Water
PS308T	Nickolas	Winter	Is There Muck in the the Water? Analyzing the Water of Local Waterways	Susan Johnston	Livermore Valley Charter	1st	Zone 7 Water
PS106	Alexander	Cyr	Magnifying the Doppler Effect Using Ultrasound Beat Frequencies	Douglas Cyr (parent)	William Mendenhall Middle	2nd	American Vacuum Society - 1st Place \$100, IEEE
PS107	Sarah	Walsh	It's a Hit!	Jason Miller	Pine Valley Middle	2nd	
PS121	Jenna	McNaughton	Creative Curves	Jason Miller	Pine Valley Middle	2nd	
PS126	Frank	Nguyen	Diffraction Patterns with Lasers	Jason Miller	Pine Valley Middle	2nd	

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PS130	Stella	Chua	Rolling Marbles	Jason Miller	Pine Valley Middle	2nd	
PS142	Paige	Arcieri	What Recycled Clothing Material Makes the Best Insulation?	Suzette Takei	Sunol Glen	2nd	American Vacuum Society - 3rd Place \$25, Discovery 3M Young Scientist Challenge
PS144	Roberto	Quihuis	The Relative Stiffness of a Catilever Beam	Steve Tye	Our Savior Lutheran	2nd	
PS302T	Ian	Clutter	Pull the Chute!	Susan Johnston	Livermore Valley Charter	2nd	
PS302T	Spencer	Jeppson	Pull the Chute!	Susan Johnston	Livermore Valley Charter	2nd	
PS302T	Teva	Venet	Pull the Chute!	Susan Johnston	Livermore Valley Charter	2nd	
PS310T	Michael	Lim	Phony Fairy Tales	Julie Cilenti	Diablo Vista Middle	2nd	
PS310T	Brandan	Tang	Phony Fairy Tales	Julie Cilenti	Diablo Vista Middle	2nd	
PS114	Eleanor	Adachi	The Baking Powder Factor	Jason Miller	Pine Valley Middle	3rd	
PS124	Diana	Shanahan	Do Race Suits Really Reduce Friction?	Jason Miller	Pine Valley Middle	3rd	
PS125	Eric	Hu	Oiled for Speed	Jason Miller	Pine Valley Middle	3rd	Discovery 3M Young Scientist Challenge
PS131	Morgan	Kavanagh	Walking on Sunshine	Jeanine Gillengerten	St. Raymond Catholic	3rd	
PS134	Madalyn	Schenk	What is the Effect of Increasing Temperature on the Length of Rubber Band?	Jason Miller	Pine Valley Middle	3rd	
PS136	Kyle	Brunnett	Shock it to me!	Jeanine Gillengerten	St. Raymond Catholic	3rd	
PS140	Brandon	Lee	Up, Up and Away	Jason Miller	Pine Valley Middle	3rd	
PS141	Vivian	Connolly	Solar Battery Charger	Regina Brinker	Christensen Middle	3rd	
PS307T	Uttam	Kumaran	Physics of Projectile Motion	Pam Serzen-Dayton	Iron Horse Middle	3rd	
PS307T	Deepak	Matharu	Physics of Projectile Motion	Pam Serzen-Dayton	Iron Horse Middle	3rd	
PS309T	Samantha	Fisch	It's a Bird, It's a Plane, It's a Kite	Pam Serzen-Dayton	Iron Horse Middle	3rd	U.S. Air Force
PS309T	Jennifer	Kawaguchi	It's a Bird, It's a Plane, It's a Kite	Pam Serzen-Dayton	Iron Horse Middle	3rd	U.S. Air Force
PS319T	Vikki	Ravipati	Infrared Power	Pam Serzen-Dayton	Iron Horse Middle	3rd	
PS319T	Michael	Schneider	Infrared Power	Pam Serzen-Dayton	Iron Horse Middle	3rd	
PS101	Tessa	Devilbiss	Sugar Rush	Larissa Myers	Pine Valley Middle	HM	
PS105	Dorasanamma	Chimata	LED Brighthness: How Does it Vary With Current?	Regina Brinker	Christensen Middle	HM	
PS109	Beheshta	Amiri	The Differences About Regular and Organic Baby Carrots	Regina Brinker	Christensen Middle	HM	
PS111	Michael	Peng	Effect of Increasing Turn Density if Solenoid on Elevation of Mass	Jason Miller	Pine Valley Middle	HM	
PS127	Elizabeth	Barnes	Why Do Objects Float?	Suzette Takei	Sunol Glen	HM	Discovery 3M Young Scientist Challenge
PS128	Phillip	Zhou	A Sound for a Light	Larissa Myers	Pine Valley Middle	HM	IEEE
PS129	Drake	Madrid	Guitars and Sound Waves	Suzette Takei	Sunol Glen	HM	
PS132	Jenna	Hatch	How Accurate is Accurate?	Susan Johnston	Livermore Valley Charter	HM	
PS138	Paul	Epperson	Food for Thought	Susan Wijeyesekera	Livermore Valley Charter	HM	
PS301T	Jeanina	Farmer	Roller Coasters Gone Wild	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS301T	Naomi	Gupta	Roller Coasters Gone Wild	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS301T	Vidhi	Sachdeva	Roller Coasters Gone Wild	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS304T	Anand	Kannan	Magnetic Cars	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS304T	Bibhuti	Mishra	Magnetic Cars	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS306T	Kevin	Dong	Red Hot Metal	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS306T	Reynaldo	Espanola	Red Hot Metal	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS306T	Bum Sik Andrew	Hwang	Red Hot Metal	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS312T	Mario	Diaz	Catapulting Different Weights	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS312T	Sean	Molloy	Catapulting Different Weights	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS312T	Hans	Schumann	Catapulting Different Weights	Pam Serzen-Dayton	Iron Horse Middle	HM	
PS112	Stephen	Brown	Piping Cold Water	Susan Johnston	Livermore Valley Charter		Dublin San Ramon Services District - \$100

Red Bold = Sweepstakes