Place	Proj#	Team	Category	Last Name	First Name	Gr	Project Title	School	Teacher
1st	506		Animal Sciences	Martin	Shane	7	What Does Fido Know?: A Cognitive Study	St. Gregory the Great Catholic School	Mairs Ryan
1st	509	Т	Animal Sciences	Patel	Neelan	7	Effects of Infrared and Visible Light Wavelengths on Planaria Regeneration	The Rhoades School	Roxanne Hunker
1st	509	Т	Animal Sciences	Samy	David	7	Effects of Infrared and Visible Light Wavelengths on Planaria Regeneration	The Rhoades School	Roxanne Hunker
1st	525		Behavioral & Social Sciences	Afra	Aviya	7	Investigating the Correlation Between Demographics and Attitudes Towards Contemporary Social Movements	The Rhoades School	Roxanne Hunker
1st	526		Behavioral & Social Sciences	Bartsch	Andrew	8	Ice Ice Baby!	De Portola Middle	Michael Bridges
1st	530		Behavioral & Social Sciences	Bryant	Michelle	7	Children Value Something More If They Worked for It	Santa Fe Christian School 7-8	Debbie Culley
1st	533		Behavioral & Social Sciences	Colello	Quinn	8	Which Sense Has the Fastest Reaction Time: Sight, Hearing, or Touch?	Coastal Academy	Bridget Biernacki
1st	534	Т	Behavioral & Social Sciences	Copeland	Kylie	8	The Effects of Auditory Cues on Recall of Visual Materials	The Rhoades School	Roxanne Hunker
1st	534	Т	Behavioral & Social Sciences	Houk	Alexandra	8	The Effects of Auditory Cues on Recall of Visual Materials	The Rhoades School	Roxanne Hunker
1st	540	Т	Behavioral & Social Sciences	Elasaad	Leila	7	Attention vs Retention: Effects of Notetaking on Short and Long Term Memory	The Rhoades School	Roxanne Hunker
1st	540	Т	Behavioral & Social Sciences	Ryan	Leia	7	Attention vs Retention: Effects of Notetaking on Short and Long Term Memory	The Rhoades School	Roxanne Hunker

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1st	545		Behavioral & Social Sciences	Goodwin	Karis	7	Stop Copying Me	St. John School - Encinitas	Gena Heins
1st	550		Behavioral & Social Sciences	Hecht	Sydney	8	Testing the Impact of Gender on a Variation of the Prisoner's Dilemma	The Rhoades School	Roxanne Hunker
1st	552		Behavioral & Social Sciences	Kaplan	Elianna	8	Feel the Flavor	Soille San Diego Hebrew Day School	Matt Bessler
1st	557		Behavioral & Social Sciences	Kyne	Silas	7	To Color or Not to Color - That is My Question	St. Joseph Academy	Michelle Rice
1st	569	Т	Behavioral & Social Sciences	Nesbitt	Wesley	7	Documenting Reactions to Voice Confontation	The Rhoades School	Roxanne Hunker
1st	569	Т	Behavioral & Social Sciences	Telfer	Trey	7	Documenting Reactions to Voice Confrontation	The Rhoades School	Roxanne Hunker
1st	581		Behavioral & Social Sciences	Pupko Ginsberg	Eduardo	8	All for One, or One for All?	San Diego Jewish Academy	Lily Deveau
1st	582		Behavioral & Social Sciences	Quezada	Adriana	7	The Science of Stuttering	St. John School - Encinitas	Gena Heins
1st	583		Behavioral & Social Sciences	Roberts	Maura	7	Peppermint: Taste vs. Smell: Which One Affects Multiplication Test Scores the Most?	St. Michael's School Poway	June Poling
1st	584		Behavioral & Social Sciences	Ross	Annabella	8	The Name Game	St. Peter the Apostle School	Frances Jones
1st	587		Behavioral & Social Sciences	Savant	Ainsley	8	Vigor and Verts!	St. John School - Encinitas	Gena Heins

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1st	589		Behavioral & Social Sciences	Stambaugh	Eden	7	Developing Empathy	Santa Fe Christian School 7-8	Debbie Culley
1st	592	Т	Behavioral & Social Sciences	Thaper	Mehar	7	Effects of Transient Emotions on Short Term Memory	The Rhoades School	Roxanne Hunker
1st	592	Т	Behavioral & Social Sciences	Weston	Jamie Jane	7	Effects of Transient Emotions on Short Term Memory	The Rhoades School	Roxanne Hunker
1st	606		Biochemistry	Elmi	Mumtaaz	8	Can Herbicides & Pesticides Have an Effect on a Planaria Nervous system?	Bright Horizon Academy	Najwan Naserelddin
1st	609		Biochemistry	Halili	Mia Ann	7	pH and Biogas Production	St. Michael's School Poway	June Poling
1st	610	Т	Biochemistry	Katriel	Levi	7	From Caged to Free Range: Comparing Nutritional Profiles in Hens' Eggs	The Rhoades School	Roxanne Hunker
1st	610	Т	Biochemistry	Nagarajan	Krishna	7	From Caged to Free Range: Comparing Nutritional Profiles in Hens' Eggs	The Rhoades School	Roxanne Hunker
1st	613		Biochemistry	Marshburn	Timothy	8	Tricking the Brain Into "Smelling" Differently	Coastal Academy	Bridget Biernacki
1st	621		Biochemistry	Shakhman	Sari	8	When Is It Time to Get a New Towel?	Soille San Diego Hebrew Day School	Matt Bessler
1st	633		Chemistry	Dhamim	Noorah	8	A Bio Friendly Oil Spill Remover	Bright Horizon Academy	Najwan Naserelddin
1st	640		Chemistry	Lai	Malvyn	8	Catalyst Efficiency for Producing Energy Fuels by Water Splitting	Mt. Everest Academy	Huy Tran

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1st	643		Chemistry	Mozaffari	Sholeh	7	Same Chemical Process, Different Types of Hair	All Hallows Academy	Chelsea Humkey
1st	647		Chemistry	Stys	Summerlyn	7	Sugar and a Drink: How Hot Can It Get	All Hallows Academy	Chelsea Humkey
1st	657	Т	Computer Science	Correll	Cyrus	8	Applying Neural Network Techniques to Compute Stellar Values	The Rhoades School	Roxanne Hunker
1st	657	Т	Computer Science	Mallela	Vihaan	8	Applying Neural Network Techniques to Compute Stellar Values	The Rhoades School	Roxanne Hunker
1st	674		Earth & Planetary Science	Manriquez	Madeline	7	What Materials Last Longer in Wave Erosion?	Nazareth School	Marilyn Reed
1st	675		Earth & Planetary Science	Murray	Erin	7	Which Beach Has More Toxic Phytoplankton?	Classical Academy Middle	Donald Giesing
1st	680		Engineering: Electrical & Mechanical	Abdelaal	Adam	8	Helping Eye for the Blind	Bright Horizon Academy	Najwan Naserelddin
1st	683		Engineering: Electrical & Mechanical	Alwazir	Solaiman	8	Drone Disaster, First Responder	Bright Horizon Academy	Najwan Naserelddin
1st	684		Engineering: Electrical & Mechanical	Alwazir	Ayat	8	HealthBand	Bright Horizon Academy	Najwan Naserelddin
1st	687		Engineering: Electrical & Mechanical	Bhatkar	Ayaan	8	Minimizing Earthquake Damage for Buildings	Bright Horizon Academy	Najwan Naserelddin
1st	691		Engineering: Electrical & Mechanical	Catanzaro	Marcus	7	Rock and Roll Derailment: Reducing Harmonic Oscillation in Trains	Pacific Beach Middle	Pat Hollis

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1st	692	Т	Engineering: Electrical & Mechanical	Chatha	Anusha	7	Obstacle Avoiding Robot: A Reinforcement Learning Approach	The Rhoades School	Roxanne Hunker
1st	692	Т	Engineering: Electrical & Mechanical	Chatha	Arjun	7	Obstacle Avoiding Robot: A Reinforcement Learning Approach	The Rhoades School	Roxanne Hunker
1st	696		Engineering: Electrical & Mechanical	Demegillo	Catherine	8	How Does the Type of Fingertip Effect the Grip Strength of the Mechanical Arm?	Wangenheim Middle	Tommy Mendibles
1st	704		Engineering: Electrical & Mechanical	Konja	Gabriel	7	Batter Up	Nazareth School	Marilyn Reed
1st	705		Engineering: Electrical & Mechanical	Lawrenz	Lilli	7	Temperature: Do Windmills Care?	St. Gregory the Great	Mairs Ryan
1st	708		Engineering: Electrical & Mechanical	McWilliams	Jessica	8	Crash Avoidance System	Thurgood Marshall Middle	Erin Schumacher
1st	709		Engineering: Electrical & Mechanical	Menon	Lakshmi	8	Developing a Multimodal Robotic Scoop	The Rhoades School	Roxanne Hunker
1st	713		Engineering: Electrical & Mechanical	Peterson	Drew	8	The Road Safe: A Box to Lock Up Your Phone While Driving	Coastal Academy	Bridget Biernacki
1st	720	Т	Engineering: Electrical & Mechanical	Schmidt	Caroline	8	WAVE Goodbye to Fossil Fuels It's Time to SEA Energy Differently!	The Rhoades School	Roxanne Hunker
1st	720	Т	Engineering: Electrical & Mechanical	Streitman	Scarlett	8	WAVE Goodbye to Fossil Fuels It's Time to SEA Energy Differently!	The Rhoades School	Roxanne Hunker
1st	722		Engineering: Electrical & Mechanical	Sridharan	Agastya	7	A 3D Autostereoscopic Quasi-Static- Volumetric Display	Thurgood Marshall Middle	Erin Schumacher

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1st	742		Engineering: Energy & Transport	Kerr	Virginia	7	The Effect of Gel Filters on Solar Energy Production	Nazareth School	Marilyn Reed
1st	743		Engineering: Energy & Transport	Kircher	Noah	7	How Does Color Affect Solar Energy?	Bonita Vista Middle	Carla Cardenas
1st	755	Т	Engineering: Materials & Bioengineering	Colucci	Max	7	Undercover Cars	St. John School - Encinitas	Gena Heins
1st	755	Т	Engineering: Materials & Bioengineering	Humphrey	Evan	7	Undercover Cars	St. John School - Encinitas	Gena Heins
1st	760		Engineering: Materials & Bioengineering	Harris	Parker	8	Protective Barrier For Classrooms	Coastal Academy	Bridget Biernacki
1st	765		Engineering: Materials & Bioengineering	Nozaki	Tenka	8	Singing Glasses: The Relationship Between Liquid Density and the Resulting Notes	Wangenheim Middle	Tommy Mendibles
1st	770		Engineering: Materials & Bioengineering	Ymaz	Cecilia	8	Desalinate-It-Yourself: Desalinating Ocean Water Using a DIY Filter	Chula Vista Middle	Gina Saclauso- Caro
1st	778		Environmental Sciences & Management	Aswad	Farah	7	Grow Algae, GROW!!	Bright Horizon Academy	Najwan Nasrelddin
1st	783		Environmental Sciences & Management	Crimaldi	Melia	7	Cooling the Urban Heat Island Effect	Santa Fe Christan School 7-8	Debbie Culley
1st	785		Environmental Sciences & Management	de Andrade	Julia	7	Which Surface is the Most Reflective?	All Hallows Academy	Chelsea Humkey
1st	801		Environmental Sciences & Management	Rodriguez	Sofia	8	The Degradation Process: Composting; How Fast Do Different Compost Mixtures Decompose?	Coastal Academy	Bridget Biernacki

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1st	802		Environmental Sciences & Management	Ruppert	Joy	8	Effluent Effects: Examining Water Quality at Moonlight Beach	The Rhoades School	Roxanne Hunker
1st	804		Environmental Sciences & Management	Tianshi	Kyle	7	Detecting Microscopic Particles in Drinking Water	The Cambridge School	Melissa Mayne
1st	808		Environmental Sciences & Management	Worman	Caroline	8	The Effectiveness Of Eco-Friendly Filters On Escondido Creek Water Quality	The Rhoades School	Roxanne Hunker
1st	813		Mathematical Sciences	Dimenstein	Netanel	8	Artificial Intelligence: Sports Stats	Soille San Diego Hebrew Day School	Matt Bessler
1st	820		Medicine & Health Sciences	Belbese	Науа	8	The Road to the Cure of Alzheimer's	Bright Horizon Academy	Najwan Naserelddin
1st	823		Medicine & Health Sciences	Bundogji	Danna	8	Is Biotin the Answer? Planaria and Nervous Tissue Regeneration	Bright Horizon Academy	Najwan Naserelddin
1st	826		Medicine & Health Sciences	Daw	Arianne	8	How do Genetics Affect the Way People Respond to Drugs?	St. Rita's School San Diego	Ahmad Rice
1st	827	Т	Medicine & Health Sciences	Do	Cameron	7	Tackling Concussions: Testing the Effectiveness of Headgear To Reduce Displacement	The Rhoades School	Roxanne Hunker
1st	827	Т	Medicine & Health Sciences	Do	Christopher	8	Tackling Concussions: Testing the Effectiveness of Headgear To Reduce Displacement	The Rhoades School	Roxanne Hunker
1st	828	Т	Medicine & Health Sciences	Ehsan	Victoria	8	Assessing Responses to Music in Alzheimers and Dementia Patients	The Rhoades School	Roxanne Hunker
1st	828	Т	Medicine & Health Sciences	Nieves Ellis	Roeszele	8	Assessing Responses to Music in Alzheimers and Dementia Patients	The Rhoades School	Roxanne Hunker

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1st	832	Т	Medicine & Health Sciences	Hogan	Kaden	8	A Burning Question: Quantifying Levels of Particulates from Fireplace Emissions	The Rhoades School	Roxanne Hunker
1st	832	Т	Medicine & Health Sciences	Severinghaus	Alexander	8	A Burning Question: Quantifying Levels of Particulates from Fireplace Emissions	The Rhoades School	Roxanne Hunker
1st	833		Medicine & Health Sciences	Malone	Kyla	7	What a Pain	Carlton Hills Middle	Kathryn Ducharme
1st	838		Medicine & Health Sciences	Pallencaoe	Anna	8	Which Beverage Erodes Tooth Enamel the Most?	St. Therese Academy	Lauren Peterson
1st	839		Medicine & Health Sciences	Polanco	Cielo	8	Subscription To Infection; MD vs DDS	St. Rose of Lima	Evelyn Urbiztondo
1st	843		Medicine & Health Sciences	Rizo	Petunia	8	Brainwave Differences Based on Soundscapes of Nature and Urban Areas	Mt. Everest Academy	Norm Negus
1st	854		Microbiology	Al-Delaimy	Meryem	7	Effect of Antioxidants on Yeast Cells	Bright Horizon Academy	Najwan Naserelddin
1st	860		Microbiology	De Guzman	Ryan	7	School Makes Me Sick: Which School Area Grows the Most Bacteria?	Good Shepherd Catholic School	MaryAnn McNeil
1st	863		Microbiology	Fan	Kara	8	Nanoparticles Liquid Bandage	Mesa Verde Middle School	Russ Bird
1st	867		Microbiology	Gan	Kelly	8	Natural Antibiotic Effects of Honey, Garlic, Lemon, and Ginger against Escherichia Coli	San Diego Jewish Academy	Lily Deveau
1st	869		Microbiology	Gorzelanski	Nathan	8	Mold Mayhem	De Portola Middle	Lee Yepiz

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1st	881		Microbiology	Moryosef	Naomi	8	Water, Water, Everywhere, nor Any Drop to Drink?	Soille San Diego Hebrew Day School	Matt Bessler
1st	882	Т	Microbiology	Norvell	Willa	7	CRISPR Challenge: Modifying Bacterial Strains To Evaluate Resistance To Streptomycin	The Rhoades School	Roxanne Hunker
1st	882	Т	Microbiology	Rupesh	Bhadra	7	CRISPR Challenge: Modifying Bacterial Strains To Evaluate Resistance To Streptomycin	The Rhoades School	Roxanne Hunker
1st	883		Microbiology	Osman	Shukriya	8	Do Antioxidants Prevent Chemotherapy Cell Toxicity?	Bright Horizon Academy	Najwan Naserelddin
1st	887		Microbiology	Shakhman	Ethan	8	Should You Bring Your Toothbrush Case on Your Next Trip?	Soille San Diego Hebrew Day School	Matt Bessler
1st	888		Microbiology	Soe	Priyanka	8	Comparing the Efficacy of Backcountry Water Treatment Methods	The Rhoades School	Roxanne Hunker
1st	893		Microbiology	Manalo	Jennine	7	Comparing Leading Brands of Disinfectants	St. Rita's School San Diego	Ahmad Rice
1st	897		Physics & Astronomy	Broudy	Reuben	8	Modelling Minimum Voltage to Acoustically Levitate Non-spherical Objects at Near- wavelength Dimensions	Soille San Diego Hebrew Day School	Matt Bessler
1st	900	Т	Physics & Astronomy	Figueroa- Valdez	Carlos	8	How are Magnets Affected by Changes in Temperature?	Our Lady of Mount Carmel	Sr. Juanita Pereyra
1st	900	Т	Physics & Astronomy	Manzo	Sebastian	8	How are Magnets Affected by Temperature?	Our Lady of Mount Carmel	Sr. Juanita Pereyra
1st	921		Plant Sciences	Chakamian	Kian	8	Predicting Implications of OQDS on San Diego County Olive Trees	The Rhoades School	Roxanne Hunker

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1st	922	Т	Plant Sciences	Chine	Jack	8	Surveying Slope Survivors: Native Plants Prevalent to Beach Bluffs	The Rhoades School	Roxanne Hunker
1st	922	Т	Plant Sciences	Yang	Eric	8	Surveying Slope Survivors: Native Plants Prevalent to Beach Bluffs	The Rhoades School	Roxanne Hunker
1st	926	Т	Plant Sciences	Esch	Adam	7	Lichen Diversity: An Enviromental Indicator of Air Quality	The Rhoades School	Roxanne Hunker
1st	926	Т	Plant Sciences	Millikin	Grace	7	Lichen Diversity: An Environmental Indicator of Air Quality	The Rhoades School	Roxanne Hunker
1st	941		Plant Sciences	Shallan	Felicity	7	Is Worm Castings Tea Better Than Miracle Gro	Mt. Helix Academy	Suneeta Cohen
1st	942		Plant Sciences	Thiss	Jessica	7	Which Vinegar Kills Grass Better: 5% or 20%	Mt. Helix Academy	John Hudson
1st	944		Plant Sciences	Walley	Christina	7	Amazing Aquaponics, A Pretty Sweet Project	Coastal Academy	Bridget Biernacki
1st	955		Product Testing/ Consumer Science	Diaz	Allyson	7	Testing Food Glucose Levels and Their Effects on Eggshells	St. Pius X School	Rachel Doyle
1st	958		Product Testing/ Consumer Science	Finger	Sydney	7	Charged or Overcharged	Carlton Hills Middle	Kathryn Ducharme
1st	963		Product Testing/ Consumer Science	Hammad	Tasmeya	7	Spices on Bacteria	Bright Horizon Academy	Najwan Naserelddin
1st	964		Product Testing/ Consumer Science	Henry	Sadie	8	Moisturizers for Swimmers	St. Didacus Parish School	Rita Blickenstaff

Place	Proj#	Team	Category	Last Name	First Name	Gr	Project Title	School	Teacher
1st	965		Product Testing/ Consumer Science	Hussain	Daanya	7	Which Home Remedy Is Better for Cholesterol?	Bright Horizon Academy	Najwan Naserelddin
1st	967		Product Testing/ Consumer Science	King	Angela	7	Helpful or Hurtful? The Study of EMF Defenders	Santa Fe Christan Schools	Debbie Culley
1st	972		Product Testing/ Consumer Science	Nepomuceno	Lea	8	Different Percentages of I-ascorbic Acid Affecting the Percutaneous Absorption of Frozen Pig Skin Tissue	Wangenheim Middle	Tommy Mendibles
1st	977	Т	Product Testing/ Consumer Science	Prevost	Mason	8	Using Low VOC Natural Paints and Sealants to Waterproof ECOR	The Rhoades School	Roxanne Hunker
1st	977	Т	Product Testing/ Consumer Science	Zdanowski	Jack	8	Using Low VOC Natural Paints and Sealants to Waterproof ECOR	The Rhoades School	Roxanne Hunker
2nd	502		Animal Sciences	Dalessio	Jeni	7	Does One Color of Hummingbird Food Attract More Hummingbirds or Less?	Nazareth School	Marilyn Reed
2nd	507		Animal Sciences	Matsumoto	Soleil	7	The Very Hungry Caterpillar, I Mean Worm!	Santa Fe Christian School 7-8	Debbie Culley
2nd	510		Animal Sciences	Prince	Kaia	7	Ants and Sugar	St. Didacus Parish School	Rita Blickenstaff
2nd	512		Animal Sciences	Teran	Daniela	7	Ladybugs and Color	St. Didacus Parish School	Rita Blickenstaff
2nd	517	Т	Behavioral & Social Sciences	Arredondo	Emma	7	Learning Styles	St. Michael's School Poway	June Poling
2nd	517	Т	Behavioral & Social Sciences	Brown	Sarah	7	Learning Styles	St. Michael's School Poway	June Poling

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2nd	522		Behavioral & Social Sciences	Barraza- Corpus	Rico	8	Effects of Finger Activity on Dexterity	St. Didacus Parish School	Rita Blickenstaff
2nd	524		Behavioral & Social Sciences	Barton	Mele	7	Misconstruing the Tone of a Written vs. Verbal Message	The Rhoades School	Roxanne Hunker
2nd	524		Behavioral & Social Sciences	Burrows	Noa	7	Misconstruing the Tone of a Written vs. Verbal Message	The Rhoades School	Roxanne Hunker
2nd	529		Behavioral & Social Sciences	Arnold	Abigail	7	Is the Stroop Effect More Visible in Children or Adults?	Mt. Helix Academy	John Hudson
2nd	535		Behavioral & Social Sciences	Dalton	Mariana	8	The Ranschburg Effect: Myth or Fact?	St. John of the Cross	Greg Krumm
2nd	536		Behavioral & Social Sciences	De Las Alas	Jeremy	7	Does the Awareness of a Negative Consequence Affect the Way You Work?	St. Michael Academy - San Diego	Aaron Okuley
2nd	537		Behavioral & Social Sciences	Demarchi	Bianca	8	Does Social Media Affect Self-Confidence in Teenagers?	St. Therese Academy	Lauren Peterson
2nd	538		Behavioral & Social Sciences	Deneen	Kendal	8	Oh Happy Day	St. John School - Encinitas	Gena Heins
2nd	539		Behavioral & Social Sciences	Dondisch	Giulianna	8	Which Age Is Most Likely To Cheat?	San Diego Jewish Academy	Lily Deveau
2nd	542		Behavioral & Social Sciences	Frigerio	Lora	8	Does Color Affect Memory	St. Rita's School - San Diego	Ahmad Rice
2nd	547		Behavioral & Social Sciences	Gutman	Ella	8	Eye Color Effect on Eye Sight	San Diego Jewish Academy	Lily Deveau

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2nd	548	Т	Behavioral & Social Sciences	Halenza	Carter	7	You've Got the Beat!	The Rhoades School	Roxanne Hunker
2nd	548	Т	Behavioral & Social Sciences	Palmer	Luke	7	You've Got the Beat!	The Rhoades School	Roxanne Hunker
2nd	551		Behavioral & Social Sciences	Inocentes	Alecsandra	7	How Does What You See Affect What You Hear?	St. Michael Academy - San Diego	Aaron Okuley
2nd	553		Behavioral & Social Sciences	Kareem	Rozita	7	Need Help Focusing?	Bright Horizon Academy	Najwan Naserelddin
2nd	559		Behavioral & Social Sciences	Little	Alexandra	8	Investigating Eyewitnesses	St. Peter the Apostle School	Frances Jones
2nd	560	Т	Behavioral & Social Sciences	Lopez Portillo	Isabella	8	Does Living a Healthier Lifestyle Lead to Better Memory?	Our Lady of Guadalupe Academy	Joshua Patton
2nd	560	Т	Behavioral & Social Sciences	Nelson	Ella	8	Does Living A Healthier Lifestyle Lead To Better Memory?	Our Lady of Guadalupe Academy	Joshua Patton
2nd	561		Behavioral & Social Sciences	Mannor	Rebecca	8	How Exercise Affects Reaction Time	San Diego Jewish Academy	Lily Deveau
2nd	565		Behavioral & Social Sciences	Mechling	Alyssa	7	How Does Music Affect Memory in the Elderly?	Nazareth School	Marilyn Reed
2nd	568		Behavioral & Social Sciences	Nasry	Monica	8	Feeling Test Failure	St. Peter the Apostle School	Frances Jones
2nd	568		Behavioral & Social Sciences	Scott	Ireland	8	Feeling Test Failure	St. Peter the Apostle School	Frances Jones

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2nd	586		Behavioral & Social Sciences	Sandoval	Daniela	7	How Does Clothing Affect the Perspective Others Have of You?	Corfman School	Isaac Leon
2nd	591		Behavioral & Social Sciences	Territo	Sofia	7	Group vs Individual	St. Michael's School Poway	June Poling
2nd	591		Behavioral & Social Sciences	Thomas	Shilo	7	Group vs. Individual	St. Michael's School Poway	June Poling
2nd	596		Behavioral & Social Sciences	Weiss	Sammi	8	How Music Affects Memory	San Diego Jewish Academy	Lily Deveau
2nd	597		Behavioral & Social Sciences	Wellman	Alexandra	8	How Do We Process Reading the Best?	San Diego Jewish Academy	Lily Deveau
2nd	598		Behavioral & Social Sciences	Woodford	Andy	8	The Effects of Social Media on Teenager's Mental Health	Rancho del Rey Middle	Dawn Castillo
2nd	603		Biochemistry	Benitez	Nora	7	What Type of Water Has the Least Bacteria?	St. Therese Academy	Lauren Peterson
2nd	604		Biochemistry	Clark	Mia	8	Solving the Mysteries of Food Dye with Gel Electrophoresis	De Portola Middle	Lee Yepiz
2nd	605		Biochemistry	Diaz	Azul	8	Save and Protect : Testing the Effectiveness of Biodegradable Packaging	Chula Vista Middle	Gina Saclauso- Caro
2nd	607		Biochemistry	Espinoza	Roxanna	8	Effects of Preservatives on Bread Molding Times	Chula Vista Middle	Gina Saclauso- Caro
2nd	619		Biochemistry	Ross	Во	8	Bubbliest Kombucha	St. Mary Star of the Sea	Janice Alonso

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2nd	620		Biochemistry	Scelfo	Claire	7	Orange You Glad There Is Vitamin C?	St. Gregory the Great Catholic School	Mairs Ryan
2nd	622		Biochemistry	Walrath	Claire	7	Sauerkraut: Which Method of Fermentation is the Most Efficient?	Nazareth School	Marilyn Reed
2nd	626		Chemistry	Abdi	Yasmin	7	Cook and Reuse	Bright Horizon Academy	Najwan Naserelddin
2nd	631		Chemistry	Cardenas	Marina	7	Sponge Absorption	St. Therese Academy	Lauren Peterson
2nd	644		Chemistry	Shen	Christina	8	Flour Power	St. Didacus Parish School	Rita Blickenstaff
2nd	646		Chemistry	Staley	Justine	8	Effects of Growing Alum Crystals Under Various Light Colors	Wangenheim Middle	Tommy Mendibles
2nd	658		Computer Science	Khan	Mohammad Ik	8	Long-Range Text Reader	Bright Horizon Academy	Najwan Naserelddin
2nd	664	Т	Earth & Planetary Science	Atis	Owen	7	Seeing Particles Through a Cloud Chamber	St. Rita's School San Diego	Ahmad Rice
2nd	664	Т	Earth & Planetary Science	Jayco	Robin	7	Seeing Particles Through a Cloud Chamber	St. Rita's School San Diego	Ahmad Rice
2nd	665		Earth & Planetary Science	Bantval	Pranav	8	Impact of Rainfall and Sea Level on Flood Related Loss in San Diego	Carmel Valley Middle	Fredin
2nd	667	Т	Earth & Planetary Science	Carbajal	Karol	7	Flower Color Changing	Our Lady of Mount Carmel	Sr. Juanita Pereyra

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2nd	667	Т	Earth & Planetary Science	Ruiz	Ana	7	Flower Color Changing	Our Lady of Mount Carmel	Pereyra
2nd	669		Earth & Planetary Science	Freaner	Maria Fernanc	8	The Effect of Betta Fish Fertilizer on Plant Growth	City Tree Christian School	Michelle Lee
2nd	670		Earth & Planetary Science	Leyva	Aidan	8	What Ground is Best for Cast Fossilization	Corfman School	Claverie
2nd	672		Earth & Planetary Science	Lyons	Amanda	7	Rooting Around Erosion	St. Michael's School Poway	June Poling
2nd	682	Т	Engineering: Electrical & Mechanical	Allen	Alexis	7	Flame vs. Sound	Rancho del Rey Middle	Susan Tu
2nd	682	Т	Engineering: Electrical & Mechanical	Coates	Dayna	7	Flame vs. Sound	Rancho del Rey Middle	Susan Tu
2nd	690		Engineering: Electrical & Mechanical	Bradley	Eamon	7	What Material for Drumsticks Produces the Highest Decibel Level?	Nazareth School	Marilyn Reed
2nd	693	Т	Engineering: Electrical & Mechanical	Chesney	Ethan	8	The Battle of the Motors: Hydraulic vs. Electric	St. John School - Encinitas	Gena Heins
2nd	693	Т	Engineering: Electrical & Mechanical	Eiguren	Alexander	8	The Battle of the Motors: Hydraulic vs. Electric	St. John School - Encinitas	Gena Heins
2nd	700		Engineering: Electrical & Mechanical	Gonzalez	Luis	8	Binaural Microphones	Our Lady of Mount Carmel	Sr. Juanita Pereyra
2nd	701	Т	Engineering: Electrical & Mechanical	Harper	Annika	8	The R.S.R.S (Rapid Space Retrieval System)	Marston Middle	Lori Holland

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2nd	701	Т	Engineering: Electrical & Mechanical	Nickel	Bailee	8	The R.S.R.S. (Rapid Space Retrieval System)	Marston Middle	Lori Holland
2nd	707		Engineering: Electrical & Mechanical	McKinney	Nathan	7	Manipulating Magnetic Forces in an Electric Motor	Good Shepherd Catholic School	MaryAnn McNeil
2nd	710		Engineering: Electrical & Mechanical	Mulvihill	Matthew	7	Mechanical Hand	Corfman School	Isaac Leon
2nd	714		Engineering: Electrical & Mechanical	Rao	Rahul	7	Mobile Obstacle Detector & Warning System for the Visually Impaired	Pacific Trails Middle	Samantha Thacker
2nd	717		Engineering: Electrical & Mechanical	Rizo	Ria	7	How Specific Wing and Tail Shape Combinations Affect Flight	Mt. Everest Academy	Huy Tran
2nd	718		Engineering: Electrical & Mechanical	Roberts	Lauren	8	Does Hot or Cold Water Charge Phones Faster Using Thermoelectric Generator	St. Mary Star of the Sea	Janice Alonso
2nd	725		Engineering: Electrical & Mechanical	Wachowiak	Evan	7	A Study of Bike Helmet Effectiveness	Nazareth School	Marilyn Reed
2nd	731	Т	Engineering: Energy & Transport	Aldrete	Emilia	8	Does the Altitude Affect How High a Volleyball Bounces	St. Therese Academy	Lauren Peterson
2nd	731	Т	Engineering: Energy & Transport	Reichenberg	Sophia	8	Does the Altitude Affect How High a Volleyball Bounces	St. Therese Academy	Lauren Peterson
2nd	736		Engineering: Energy & Transport	Blue	James	7	Quantifying Model Airplane RPM at Full and Half Throttle	The Rhoades School	Roxanne Hunker
2nd	738	Т	Engineering: Energy & Transport	Cordaro	Brendan	7	The Water Maker	St. John School - Encinitas	Gena Heins

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2nd	738	Т	Engineering: Energy & Transport	Shaffer	Max	7	The Water Maker	St. John School - Encinitas	Gena Heins
2nd	739		Engineering: Energy & Transport	De Jauregui	Hannah	8	Nose Cones are a BLAST	Wangenheim Middle	Tommy Mendibles
2nd	741		Engineering: Energy & Transport	Hubbard	Grace	8	Bakin', Microwavin', and Sun Shinin'	Good Shepherd Catholic School	MaryAnn McNeil
2nd	747		Engineering: Energy & Transport	Spaven	WIlliam	8	Altering Fin Shape, to Make a Rocket, Skyrocket	Wangenheim Middle	Tommy Mendibles
2nd	748		Engineering: Energy & Transport	Stevenson	Hannah	7	Powering A Marine Vehicle Using Solar and Magnetohydrodynamics	Coastal Academy	Bridget Biernacki
2nd	756		Engineering: Materials & Bioengineering	Englund	Lilian	7	Biological Erosion Control	St. Mary Star of the Sea	Janice Alonso
2nd	757		Engineering: Materials & Bioengineering	Farrukh	Nahal	7	Rooftop Gardens, Are They Good?	Bright Horizon Academy	Najwan Naserelddin
2nd	758		Engineering: Materials & Bioengineering	Goodsell	Kai	7	Measuring the Effects of Materials on Blocking WiFi Signals	The Rhoades School	Roxanne Hunker
2nd	759		Engineering: Materials & Bioengineering	Grissom	Jack	7	Metals Hot vs. Cold	St. Gregory the Great Catholic School	Mairs Ryan
2nd	763		Engineering: Materials & Bioengineering	Millan	Mateo	7	What Material Blocks RF Radiation the Best?	Bonita Vista Middle	Carla Cardenas
2nd	776		Environmental Sciences & Management	Alwazir	Issa	8	Filter That Water!	Bright Horizon Academy	Najwan Naserelddin

Place	Proj#	Team	Category	Last Name	First Name	Gr	Project Title	School	Teacher
2nd	779		Environmental Sciences & Management	Bever	Amelia	8	How Compostable is Your Paper?	De Portola Middle	Michael Bridges
2nd	781		Environmental Sciences & Management	Carbine	Douglas "Jake'	8	A Possible Alternative to Plastic Bags	St. John School - Encinitas	Gena Heins
2nd	786		Environmental Sciences & Management	Dumas	Aaron	7	HAO Absorbent!	Santa Fe Christan School 7-8	Debbie Culley
2nd	787	Т	Environmental Sciences & Management	Finlay	Lily	8	Analyzing Runoff Water Quality at a San Dieguito Lagoon Tributary	The Rhoades School	Roxanne Hunker
2nd	787	Т	Environmental Sciences & Management	Hamson	Jaxon	8	Analyzing Runoff Water Quality at a San Dieguito Lagoon Tributary	The Rhoades School	Roxanne Hunker
2nd	788		Environmental Sciences & Management	Flores	Jheren	8	Using Multi-Frequency Acoustics to Improve Production in Oil and Gas Wells	St. Michael Academy - San Diego	Aaron Okuley
2nd	793		Environmental Sciences & Management	Link	Morgan	8	Innovative Aeration Device to Reduce Methane Production in Landfill Waste	The Rhoades School	Roxanne Hunker
2nd	794		Environmental Sciences & Management	Malveda	Stephanie	8	Solar-Powered Desalination	St. Didacus Parish School	Rita Blickenstaff
2nd	795		Environmental Sciences & Management	Mascorro	Jaden	8	The Effect of Tenebrionidae Larvae on the Rate of Styrofoam Consumption	Rancho del Rey Middle	Paul Osuna
2nd	797		Environmental Sciences & Management	Noriega	Samantha	8	What is the Affect of Different Contaminants on the Life of Zooplankton?	Chula Vista Middle	Tina Tom
2nd	798		Environmental Sciences & Management	Perez	Emma	8	Whats Hiding On Your Sink	Chula Vista Middle	Gina Saclauso Caro

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2nd	800		Environmental Sciences & Management	Podlich	Kaitlyn	7	Investigating Water Quality at Buena Vista Lagoon	The Rhoades School	Roxanne Hunker
2nd	805		Environmental Sciences & Management	Trojanowski	Oliver	8	How Toxic is Our Stormwater Runoff?	St. John School - Encinitas	Gena Heins
2nd	806		Environmental Sciences & Management	Usman	Haroon	7	Biodegradable Plastics	Bright Horizon Academy	Najwan Naserelddin
2nd	814		Mathematical Sciences	Lopez	Ayari	7	Mathematical Modeling	Santa Fe Christan School 7-8	Debbie Culley
2nd	818		Medicine & Health Sciences	Arya	Ayden	8	A Hard Pill to Swallow	Soille San Diego Hebrew Day School	Matt Bessler
2nd	821		Medicine & Health Sciences	Broudy	Benjamin	8	Are You Sweating Out Your Money	Soille San Diego Hebrew Day School	Matt Bessler
2nd	822		Medicine & Health Sciences	Bruce	Isabel	8	Tea Tree Oil vs Isopropyl Alcohol: Eliminating Microbes on Medical Devices	The Rhoades School	Roxanne Hunker
2nd	829		Medicine & Health Sciences	Ellis	Lia	8	Gemcitabine Fights Cancer Cells	Soille San Diego Hebrew Day School	Matt Bessler
2nd	834		Medicine & Health Sciences	Maudal	Ava	7	The Science of Fingerprints	St. John School - Encinitas	Gena Heins
2nd	835		Medicine & Health Sciences	McCarthy	Susan	7	Which Drink Affects Teeth (represented by hard-boiled eggs) Most?	St. Therese Academy	Lauren Peterson
2nd	836		Medicine & Health Sciences	McComic	Sinclair	7	Not White! What a Fright!!	St. Gregory the Great Catholic School	Mairs Ryan

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2nd	837		Medicine & Health Sciences	Meza	Mia	7	Are Your Eyes Playing Tricks On You?	Barbara Worth Jr. High	Heidi Kappeler
2nd	840		Medicine & Health Sciences	Prentice	Lorraine	7	Which Flour Has the Most Gluten	Nazareth School	Marilyn Reed
2nd	841		Medicine & Health Sciences	Quezada	Isabelle	7	Are Fingerprint Patterns Inherited	St. Rita's School San Diego	Ahmad Rice
2nd	844		Medicine & Health Sciences	Saade	Daniel	8	Can You See It Moving?	Soille San Diego Hebrew Day School	Matt Bessler
2nd	845		Medicine & Health Sciences	Swearingen	Safiya	8	The Power of Nuts	Chula Vista Middle	Gina Saclauso- Caro
2nd	846		Medicine & Health Sciences	Taitano	Parker	8	Does Double-Dipping Actually Spread Germs	St. Peter the Apostle School	Frances Jones
2nd	847		Medicine & Health Sciences	Walker	Kate	7	How Does Different pH Environments in the Stomach Effect the Dissolving of Iron?	Nazareth School	Marilyn Reed
2nd	856	Т	Microbiology	Buechs	Eoin	7	Bacteria Busters	St. John School - Encinitas	Gena Heins
2nd	856	Т	Microbiology	Garcia	Shane	7	Bacteria Busters	St. John School - Encinitas	Gena Heins
2nd	862		Microbiology	Denning	Camille	7	The Bacteria on a Kitchen Sponge	All Hallows Academy	Chelsea Humke
2nd	871		Microbiology	Howard	Sophie	7	The Five Second Rule	St. John School - Encinitas	Gena Heins

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2nd	872		Microbiology	Ismail	Fatuma	7	The Effect of Nanoparticles on Living Organisms	Bright Horizon Academy	Najwan Naserelddin
2nd	873		Microbiology	Khan	Safwa	7	Essential Oils on Bacteria	Bright Horizon Academy	Najwan Naserelddin
2nd	884		Microbiology	Rodriguez	Joel	8	Can Aloe Vera Juice Save Your Berries from Molds?	St. John of the Cross	Greg Krumm
2nd	886		Microbiology	Salazar	Emily	7	Bacterial Growth in Water Bottles	St. Gregory the Great	Mairs Ryan
2nd	889		Microbiology	Tuscano	Erin Grace	7	Testing the Effectiveness of Oral Disinfectants	St. Michael Academy - San Diego	Aaron Okuley
2nd	896		Physics & Astronomy	Barker	Aharon	8	Rocket Fins	Soille San Diego Hebrew Day School	Matt Bessler
2nd	901		Physics & Astronomy	Gonzales	Xavier	7	Bowling Balls vs Their Weight	Nazareth School	Marilyn Reed
2nd	902		Physics & Astronomy	Greeny	Lauren	8	Physics of the Violin	Farb Middle	Patricia Huntington
2nd	905		Physics & Astronomy	Pabloff	Rodolfo	8	Retaining Heat: Using Insulation to Keep Water Warm	Coastal Academy	Bridget Biernacki
2nd	906		Physics & Astronomy	Pasternack	Eliad	8	Electromagnetism	Soille San Diego Hebrew Day School	Matt Bessler
2nd	913		Physics & Astronomy	Weckmann	Jace	8	How Does the Skin Texture Quality of a Baseball Affect the Distance a Ball Travels?	Wangenheim Middle	Tommy Mendibles

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2nd	919		Plant Sciences	Becker	Blake	8	Soil Grown Versus Hydroponic Grown Plants	St. John School - Encinitas	Gena Heins
2nd	920		Plant Sciences	Bomar	Joseph	7	Fertilizer Experiment	Mt. Helix Academy	John Hudson
2nd	924		Plant Sciences	Datiles	Czarina	8	How Effective is Lemongrass Oil in Killing Mosquito Larvae Compared to Citronella Oil?	St. Therese Academy	Lauren Peterson
2nd	925		Plant Sciences	Edmonds	Emma	7	The Effects of Tropisms on Root Orientation: A Multivariable Approach	The Cambridge School High School	Melissa Mayne
2nd	930		Plant Sciences	Jackson	Kelli	8	Coffee's New Purpose: Using Coffee to Increase Plant Growth	Coastal Academy	Bridget Biernacki
2nd	931	Т	Plant Sciences	Lehmann	Isabel	7	Pine Cone Scales: Verifying Fibonacci Sequences in Nature	The Rhoades School	Roxanne Hunker
2nd	931	Т	Plant Sciences	Shaull	Abigail	7	Pine Cone Scales: Verifying Fibonacci Sequences in Nature	The Rhoades School	Roxanne Hunker
2nd	935		Plant Sciences	Newton	Wesley	7	Algae Under Light	St. Didacus Parish School	Rita Blickenstaff
2nd	949		Product Testing/ Consumer Science	Ambrosius	Tatiana	7	Racing Suits: What Are They?	St. Therese Academy	Lauren Peterson
2nd	950	Т	Product Testing/ Consumer Science	Baterina	Hanna	7	Name Brand vs. Off Brand Snack Comparison	St. Michael's School Poway	June Poling
2nd	950	Т	Product Testing/ Consumer Science	Lingham	Lilliana	7	Name Brand vs. Off Brand Snack Comparisons	St. Michael's School Poway	June Poling

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2nd	952	Т	Product Testing/ Consumer Science	Cappiello	Griffin	7	DIY Pool Covers for Controlling Water Temperature and Evaporation	The Rhoades School	Roxanne Hunker
2nd	952	Т	Product Testing/ Consumer Science	Goswami	Sameer	7	DIY Pool Covers for Controlling Water Temperature and Evaporation	The Rhoades School	Roxanne Hunker
2nd	957		Product Testing/ Consumer Science	Fiegl	Anneliese	7	To Bag or Not to Bag (It's Your Choice)	St. Michael's School Poway	June Poling
2nd	959		Product Testing/ Consumer Science	Flores	Elena	7	Makeup Testers	Corfman School	Isaac Leon
2nd	960		Product Testing/ Consumer Science	Gonzalez	Ady	8	Evaluating Electrolytes In Drinkable Fluids	Chula Vista Middle	Gina Saclauso- Caro
2nd	961	Т	Product Testing/ Consumer Science	Gonzalez	Sarai	7	Trash Bag Breaking Point	Our Lady of Mount Carmel	Sr. Juanita Pereya
2nd	961	Т	Product Testing/ Consumer Science	Sierra	Romina	7	Trash Bag Breaking Point	Our Lady of Mount Carmel	Sr. Juanita Pereyra
2nd	974		Product Testing/ Consumer Science	Nguyen	Joseph	7	Swim Caps: Latex or Silicon	Nazareth School	Marilyn Reed
2nd	979		Product Testing/ Consumer Science	Tadesse	Wegahta	7	Strongest Glue	St. Didacus Parish School	Rita Blickenstaff
2nd	980		Product Testing/ Consumer Science	Usmani	Arissa	7	Homemade vs. Store Bought Detergents: Which Works Best with Fabrics?	Bright Horizon Academy	Najwan Nasereddin
2nd	983		Product Testing/ Consumer Science	Wolter	Amy	7	A Comparison of Hand Warmers	Santa Fe Christan Schools	Debbie Culley

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3rd	501		Animal Sciences	Adato	Nisso	8	Who Let the Dogs Out	Soille San Diego Hebrew Day School	Matt Bessler
3rd	503		Animal Sciences	Dinh	Jason	7	Birds Sight and Colors	Oak Grove Middle	Cathy Gale
3rd	504		Animal Sciences	Do	Katherine	8	Fish Frenzy	Carlton Hills Middle	Kathryn Ducharme
3rd	505		Animal Sciences	Jones	Isabel	7	Dogs Voice Preference	St. Didacus Parish School	Rita Blickenstaff
3rd	508		Animal Sciences	Meroniuk	Kaden	8	Good Things Come to Those who Bait: A Behavioral Study of Fish	Coastal Academy	Bridget Biernacki
3rd	511		Animal Sciences	Reynolds	Alyana	7	Worm Leachate vs. Water	St. Rita's School - San Diego	Ahmad Rice
3rd	518		Behavioral & Social Sciences	Assamene	Meron	7	Do Different Types Of Music Affect the Heart Rate?	St. Didacus Parish School	Rita Blickenstaff
3rd	519		Behavioral & Social Sciences	Baes	Piper	7	Colorful Memories	St. Peter the Apostle School	Frances Jones
3rd	520		Behavioral & Social Sciences	Baldeaux	Katelyn	7	How Does Background Noise Affect Your Ability to Identify Food	St. Therese Academy	Lauren Peterson
3rd	521		Behavioral & Social Sciences	Balubar	Jodeci	8	Phantom Limbs	Farb Middle	Patricia Huntington
3rd	527		Behavioral & Social Sciences	Apostol	Korina	7	A Word's Meaning Interfering with the Ability to State a Word's Color	St. Michael Academy - San Diego	Aaron Okuley

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3rd	528		Behavioral & Social Sciences	Bayot	Abigail	7	How Important is Letter Placement in Reading?	St. Rita's School San Diego	Ahmad Rice
3rd	531		Behavioral & Social Sciences	Clardy	Ashley	7	Advantages of Dyslexia!	Santa Fe Christian School 7-8	Debbie Culley
3rd	532		Behavioral & Social Sciences	Cohen	Bertha	8	Blueberries - What They Can Do for You	Soille San Diego Hebrew Day School	Matt Bessler
3rd	541		Behavioral & Social Sciences	Fradkin	Avraham	7	Does Grade Level Affect the Stroop Effect?	Chabad Hebrew Academy	Rebecca Gonzales
3rd	543		Behavioral & Social Sciences	Goncalves	Sophia	7	All About That Bass	St. John School - Encinitas	Gena Heins
3rd	546		Behavioral & Social Sciences	Gutierrez	Mia	7	Can You Feel It?	St. Mary's -El Centro	Cecilia Teran
3rd	549		Behavioral & Social Sciences	Hayek	Quinn	8	Measuring Multitasking	St. Peter the Apostle School	Frances Jones
3rd	554		Behavioral & Social Sciences	Katz	Jesse	8	How Does Stress Affect Our Everyday Life?	San Diego Jewish Academy	Lily Deveau
3rd	555		Behavioral & Social Sciences	Kavanaugh	Colin	7	Outdoors or Indoors - Which is Best for Taking a Test	All Hallows Academy	Chelsea Humkey
3rd	556		Behavioral & Social Sciences	Klein	Brenan	8	If You Know Hebrew, Can You Read Backwards Easier?	San Diego Jewish Academy	Lily Deveau
3rd	558		Behavioral & Social Sciences	Lay	Kyla	7	Balance It Out	St. Didacus Parish School	Rita Blickenstaff

Place	Proj#	Team	Category	Last Name	First Name	Gr	Project Title	School	Teacher
3rd	563		Behavioral & Social Sciences	Martino	Tyler	7	How Does Technology Affect Reaction Time?	St. Michael Academy - San Diego	Aaron Okuley
3rd	564		Behavioral & Social Sciences	McKeeman	David	7	Amygdala Reactions	Coastal Academy	Bridget Biernack
3rd	566		Behavioral & Social Sciences	Montiel	Ashley	7	How Do Adults and Children React to When Other Children are Autistic	St. Michael Academy - San Diego	Aaron Okuley
3rd	567	Т	Behavioral & Social Sciences	Morales	Vanesa	8	Controller Coordination	St. Peter the Apostle School	Frances Jones
3rd	567	Т	Behavioral & Social Sciences	Tinoco	Breanna	8	Controller Coordination	St. Peter the Apostle School	Frances Jones
3rd	570		Behavioral & Social Sciences	Nguyen	Daphne	8	Can People Taste the Difference Between Yeasts?	Farb Middle	Patricia Huntington
3rd	571		Behavioral & Social Sciences	Noce	Sofia	8	Can Humans Echolocate to find the Mass of an Object?	St. John of the Cross	Greg Krumm
3rd	572		Behavioral & Social Sciences	Oden	Kaitlyn	8	Do You See What I See? - Eyewitness Accuracy	De Portola Middle	Lee Yepiz
3rd	573		Behavioral & Social Sciences	Panontongan	Jorielle	7	Does Running Help Your Memory	St. Michael Academy - San Diego	Aaron Okuley
3rd	574		Behavioral & Social Sciences	Parisette	Olivia	8	The Effect of Activity on Time Perception	City Tree Christian School	Michelle Lee
3rd	576		Behavioral & Social Sciences	Paumgardhen	Martina	8	Photograph: The Benefit of Instant and Powerful Communication	Farb Middle	Patricia Huntington

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3rd	578		Behavioral & Social Sciences	Pham	Amelia	7	Do Sensory Materials Help Children Learn Letters?	Nazareth Catholic School	Marilyn Reed
3rd	580		Behavioral & Social Sciences	Philo	Lily	7	How Does Chewing Gum Affect Test Scores?	St. Michael's School Poway	June Poling
3rd	585		Behavioral & Social Sciences	Sanchez	Sofia	7	Hands-Free Reaction Time	Bonita Vista Middle	Lia Abundes
3rd	588		Behavioral & Social Sciences	Schultz	Julia	8	Does Priming Work?	San Diego Jewish Academy	Lily Deveau
3rd	594		Behavioral & Social Sciences	Ту	Jonathan	8	Multitasking in a School Environment â€" Good or Bad?	National City Middle	Jay Jones
3rd	595		Behavioral & Social Sciences	Vidal Jacobo	Estrella	8	Does Having Different Passwords for Different Accounts Matter?	Farb Middle	Patricia Huntington
3rd	599		Behavioral & Social Sciences	Krauss	Zachary	7	The Effect of Gaming on Typing Speed	Mt. Helix Academy	John Hudson
3rd	608		Biochemistry	Gagielo	Ту	7	Going Bananas!	St. Didacus Parish School	Rita Blickenstaff
3rd	612		Biochemistry	Mahoney	Lily	8	What Milk Rots the Quickest?	St. John School - Encinitas	Gena Heins
3rd	614		Biochemistry	Obispo	Zachary	8	Which Fruit has the Most Vitamin C?	St. Michael Academy - San Diego	- Aaron Okuley
3rd	615		Biochemistry	Otero	Kai-Jia	7	Five Second Rule: True or False?	Coastal Academy	Bridget Biernack

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3rd	616		Biochemistry	Peng	Meixi	8	How Does Different Cooking Techniques Affect The Glucose Level of The Corn?	Wangenheim Middle	Tommy Mendibles
3rd	617		Biochemistry	Pham	Jessica	8	How Does the Concentration of Sugar Solution Affect Flower Preservation?	Wangenheim Middle	Tommy Mendibles
3rd	130		Chemistry	Madayag	Tyler	8	Boost: How Does It Work?	St. Francis of Assisi	Theodore Fantano
3rd	627		Chemistry	Barrett	Brooke	8	The Effect on Fabric Type on Burning Rate	City Tree Christian School	Michelle Lee
3rd	632	Т	Chemistry	Charles	Trevor	8	The Leaning Tower of Ice	Carlton Hills Middle	Kathryn Ducharme
3rd	632	Т	Chemistry	Ducharme	Connor	8	The Leaning Tower of Ice	Carlton Hills Middle	Kathryn Ducharme
3rd	635		Chemistry	Fimbres	Rossana	7	Purple Cabbage pH Indicator	St. Mary's School - El Centro	Cecilia Teran
3rd	636		Chemistry	Finley	Jade	8	Testing Contaminant Levels in Water	National City Middle	Jay Jones
3rd	638		Chemistry	Hernandez	Gael	8	The Effect of Temperature on the Rate of Rust Formation on Iron	St. Michael Academy - San Diego	Aaron Okuley
3rd	641		Chemistry	Le	Theresa	8	Acid Rain	Farb Middle	Patricia Huntington
3rd	642		Chemistry	Mascarina	Eryn	8	The Effect of Spf Level on Time	Wangenheim Middle	Tommy Mendibles

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3rd	648		Chemistry	Willett	Adelina	7	Candle Burn Times	St. Therese Academy	Lauren Peterson
3rd	649		Chemistry	Winicki	Anthony	8	Which Food Has More Energy?	St. Mary Star of the Sea	Janice Alonso
3rd	655	Т	Computer Science	Bamford	Tom	7	Constructing a Wildlife Recognition System Using a Raspberry Pi	The Rhoades School	Roxanne Hunker
3rd	655	Т	Computer Science	Taylor	Ashur	7	Constructing a Wildlife Recognition System Using a Raspberry Pi	The Rhoades School	Roxanne Hunker
3rd	656		Computer Science	Bautista	Edvar	8	WIFI FAST and WIFI CRASHED!	Chula Vista Middle	Gina Saclauso- Caro
3rd	659	Т	Computer Science	McKay Quinonez	Alejandro	8	Is There Really a Better Way to Win a Board Game?	Our Lady of Mount Carmel	Sr. Juanita Pereyra
3rd	659	Т	Computer Science	Munoz	Daniel	8	Is There Really a Better Way to Win a Board Game?	Our Lady of Mount Carmel	Sr. Juanita Pereyra
3rd	660		Computer Science	Rosander	Patrick	8	Coding a Video Game	St. John School - Encinitas	Gena Heins
3rd	671		Earth & Planetary Science	Lindgren	Emily	8	Porosity of Soil	St. Didacus Parish School	Rita Blickenstaff
3rd	676		Earth & Planetary Science	Tran	Steven	8	Erosion Reduction	Wangenheim Middle	Tommy Mendibles
3rd	681		Engineering: Electrical & Mechanical	Aldrete	Carlos	8	First Down Accuracy Laser	Rancho del Rey Middle	Julie Walker

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3rd	685	Т	Engineering: Electrical & Mechanical	Bagnas	Bryan	8	Oxygen Concentrator	Marston Middle	Lori Holland
3rd	685	Т	Engineering: Electrical & Mechanical	Waters	Ryan	8	Oxygen Concentrator	Marston Middle	Lori Holland
3rd	686		Engineering: Electrical & Mechanical	Bane	Timothy	7	Power Through Wind	Good Shepherd Catholic School	MaryAnn McNeil
3rd	688	Т	Engineering: Electrical & Mechanical	Blaylock	Jack	7	Item Carrier for Drones	St. Michael's School Poway	June Poling
3rd	688	Т	Engineering: Electrical & Mechanical	Feiner	Dan	7	Item Carrier for Drones	St. Michael's School Poway	June Poling
3rd	689		Engineering: Electrical & Mechanical	Bocalan	Donovin	8	Static Panic	St. Pius X School	Rachel Doyle
3rd	694	Т	Engineering: Electrical & Mechanical	Colucci	John Paul	8	Solar Powered Phone Charger	St. John School - Encinitas	Gena Heins
3rd	694	Т	Engineering: Electrical & Mechanical	Putnam	Andrew	8	Solar Powered Phone Charger	St. John School - Encinitas	Gena Heins
3rd	695		Engineering: Electrical & Mechanical	Criger	Samuel	7	Is It Possible to Cook a Potato with a Battery?	St. Mary Star of the Sea	Janice Alonso
3rd	697		Engineering: Electrical & Mechanical	Espinosa	Michael	8	How Do Colored Filters Affect Solar Panel Energy?	Chula Vista Middle	Tina Tom
3rd	698		Engineering: Electrical & Mechanical	Fonzo	Nick	8	Self-Driving Security Vehicle	St. John School - Encinitas	Gena Heins

Place	Proj#	Team	Category	Last Name	First Name	Gr	Project Title	School	Teacher
3rd	699		Engineering: Electrical & Mechanical	Gamiz	Alan	7	Which Structures Would Best Withstand an Earthquake?	All Hallows Academy	Chelsea Humkey
3rd	702		Engineering: Electrical & Mechanical	Horbul	Kiryl	8	Zzzzzz	Coastal Academy	Bridget Biernacki
3rd	703		Engineering: Electrical & Mechanical	Kantala	James Nathan	8	Build the Wall!	Wangenheim Middle	Tommy Mendibles
3rd	712		Engineering: Electrical & Mechanical	Pampo	Aiden	8	The Effectiveness of Seawalls Against Waves	Wangenheim Middle	Tommy Mendibles
3rd	715		Engineering: Electrical & Mechanical	Renda	Nina	8	Cell Phone Radiation on Apple Phones	St. Didacus Parish School	Rita Blickenstaff
3rd	716	Т	Engineering: Electrical & Mechanical	Renteria	Claudia	8	Solar Power vs Air Power	Our Lady of Mount Carmel	Sr. Juanita Pereyra
3rd	716	Т	Engineering: Electrical & Mechanical	Velarde	Ana	8	Solar Power VS Air Power	Our Lady of Mount Carmel	Sr. Juanita Pereyra
3rd	719		Engineering: Electrical & Mechanical	Sara	Francis	8	Acoustic vs. Electric Guitar	St. Rita's School San Diego	Ahmad Rice
3rd	721		Engineering: Electrical & Mechanical	Serawit	Yacob	7	Batteries and Temperatures	St. Didacus Parish School	Rita Blickenstaff
3rd	723		Engineering: Electrical & Mechanical	Stuhlmacher	Carter	8	Need A Lift?	Rancho del Rey Middle	Dawn Castillo
3rd	724		Engineering: Electrical & Mechanical	Suenaga- Stephens	Rion	8	How Does the Type of Metal Affect the Amount of Electricity Produced?	Wangenheim Middle	Tommy Mendibles

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3rd	726		Engineering: Electrical & Mechanical	Zheng	David	8	The Efficiency of Winglets	National City Middle	Jay Jones
3rd	734		Engineering: Energy & Transport	Baldovino	Joven	7	Parachute (Does Size Matter?)	Bonita Vista Middle	Cindy Shimasaki
3rd	737		Engineering: Energy & Transport	Chehade	Leila	8	Magnetic Levitation Train	St. John School - Encinitas	Gena Heins
3rd	740		Engineering: Energy & Transport	Guizar	Eric	8	Need Power? Testing the Accuracy of DIY Phone Charger	Chula Vista Middle	Gina Saclauso- Caro
3rd	745		Engineering: Energy & Transport	Perez	Leonardo	7	What Makes A Plane Fly?	Our Lady of Mount Carmel	Sr. Juanita Pereyra
3rd	749		Engineering: Energy & Transport	Watson	Jacob	7	Train Transportation Levitating or Wheels	St. John School - Encinitas	Gena Heins
3rd	761	Т	Engineering: Materials & Bioengineering	Honold	Viviana	8	Acoustics	St. Mary's School - El Centro	Cecilia Teran
3rd	761	Т	Engineering: Materials & Bioengineering	Nelson	Mia	8	Acoustics	St. Mary's School - El Centro	Cecilia Teran
3rd	767		Engineering: Materials & Bioengineering	Sunnanonta	Todd	8	The Use for Plastic Waste	Wangenheim Middle	Tommy Mendibles
3rd	769		Engineering: Materials & Bioengineering	Tirado	Victor	7	Strength of Concrete, Sand to Cement	Nazareth School	Marilyn Reed
3rd	775		Environmental Sciences & Management	Abdulkadir	Adam	7	How Does Acid Rain and Lime Affect Plant Growth?	Bright Horizon Academy	Najwan Naserelddin

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3rd	780		Environmental Sciences & Management	Boeh	Andy	8	Copper Removal from Water	St. Didacus Parish School	Rita Blickenstaff
3rd	782	Т	Environmental Sciences & Management	Cervantes	Sophia	7	Conservation Questions? We Have the Answer!	St. Michael's School Poway	June Poling
3rd	782	Т	Environmental Sciences & Management	Entwistle	Emily	7	Conservation Questions? We Have Answers!	St. Michael's School Poway	June Poling
3rd	789		Environmental Sciences & Management	Hamud	Marty	8	The Mighty Pizza Liner	St. John School- Encinitas	Gena Heins
3rd	790	Т	Environmental Sciences & Management	Holland	Elise	7	Acid Rain	St. Michael's School Poway	June Poling
3rd	790	Т	Environmental Sciences & Management	Wheatley	Emma	7	Acid Rain	St. Michael's School Poway	June Poling
3rd	791		Environmental Sciences & Management	Keddy Ruiz	Charles	8	What is the pH Level of Drinking Water in Chula Vista?	Chula Vista Middle	Tina Tom
3rd	792		Environmental Sciences & Management	Krummenache r	Stephen	8	The Effects of Electromagnetic Radiation on Cellular Heath	St. John School- Encinitas	Gena Heins
3rd	799	Т	Environmental Sciences & Management	Peterson	Kate	8	Sifting Sand: Documenting Plastics Pollution at Moonlight Beach	The Rhoades School	Roxanne Hunker
3rd	799	Т	Environmental Sciences & Management	Williams	Maya	8	Sifting Sand: Documenting Plastics Pollution at Moonlight Beach	The Rhoades School	Roxanne Hunker
3rd	803		Environmental Sciences & Management	Tapia	Tiffany	8	Desalinating Saltwater	Chula Vista Middle	Tina Tom

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3rd	807		Environmental Sciences & Management	Vazquez	Joey	7	Going Green And Everyday Life: Eco-Friendly vs. conventional Detergents	Wilson Jr. High	Terri Shiffer
3rd	824		Medicine & Health Sciences	Casta	Carlos	7	What Effect Does Fluid Have on Sprinting	St. Therese Academy	Lauren Peterson
3rd	825		Medicine & Health Sciences	Castellanos	Tanner	8	How Does Screen Time Effect Our Minds and Bodies?	St. John School - Encinitas	Gena Heins
3rd	830		Medicine & Health Sciences	Franco	Nevaeh	8	The Power Of Tums	Chula Vista Middle	Gina Saclauso- Caro
3rd	831		Medicine & Health Sciences	Halac	Amanda	8	Are Fingerprints Inherited?	De Portola Middle	Michael Bridges
3rd	842		Medicine & Health Sciences	Ramirez	Isabella	8	Sodas Effect On Bones	Chula Vista Middle	Tina Tom
3rd	848		Medicine & Health Sciences	Wells	Hudson	7	Does a Helmet Really Protect a Football Player's Brain?	St. John School - Encinitas	Gena Heins
3rd	853		Microbiology	Adato	Ariel	8	Plants That Purify	Soille San Diego Hebrew Day School	Matt Bessler
3rd	855		Microbiology	Angulo	Matthew	7	Be Water Wise	Corfman School	Isaac Leon
3rd	857		Microbiology	Cavaco	Kanoa	8	Will UVA Lights or the Boiling Method Eliminate More Bacteria?	Chula Vista Middle	Tina Tom
3rd	858		Microbiology	Chamberlin	Nicole	7	Bacteria in a Home	St. Didacus Parish School	Rita Blickenstaff

Place	Proj#	Team	Category	Last Name	First Name	Gr	Project Title	School	Teacher
3rd	859		Microbiology	Darling	Abigail	8	Does the Dog or Human Mouth Have More Bacteria?	Mt. Helix Academy	John Hudson
3rd	861		Microbiology	Dellacato	Casey	8	Preserving Food	St. Didacus Parish School	Rita Blickenstaff
3rd	864		Microbiology	Flores	John Matthew	8	The Comparison of Bacteria Presence on Phones and Computer Keyboards	Wangenheim Middle	Tommy Mendibles
3rd	865		Microbiology	Fries	Sam	7	Water Wellness	St. Didacus Parish School	Rita Blickenstaff
3rd	868		Microbiology	Garcia	Jasmin	8	Dirty Money: Pennies vs. Dimes	Chula Vista Middle	Gina Saclauso- Caro
3rd	877		Microbiology	Ligeralde	Racel	7	Bacteria Found in Most Touched Household Surfaces	Good Shepherd Catholic School	MaryAnn McNeil
3rd	885		Microbiology	Ross	Brayden	8	Ice-Down, Bacteria Up: Microbial Growth in Poultry During Different Thawing Methods	Carlton Hills	Kathryn Ducharme
3rd	890		Microbiology	Tyson	Mary	7	One Burger, Hold the Bacteria	All Hallows Academy	Chelsea Humkey
3rd	891		Microbiology	Wrotslavsky	Savannah	8	Zapping Bacteria	Soille San Diego Hebrew Day School	Matt Bessler
3rd	898		Physics & Astronomy	Cintron- Senturia	Carlo	8	What Kind of Advantage Are You Given from Mechanical Advantage?	De Portola Middle	Michael Bridges
3rd	899		Physics & Astronomy	Dullano	Isabella	8	Testing a Homemade Magnetometer	St. Michael Academy - San Diego	Aaron Okuley

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3rd	903		Physics & Astronomy	Hernandez	Marcos	7	Dimples on a Golf Ball and Distance	St. Didacus Parish School	Rita Blickenstaff
3rd	904		Physics & Astronomy	Miles	Keira	7	Bottle Rocket Blast Off!	St. Therese Academy	Lauren Peterson
3rd	907		Physics & Astronomy	Ritchie	Audrey	8	How the Inflation Pressure of a Ball Affects How Far It Goes	De Portola Middle	Lee Yepiz
3rd	908		Physics & Astronomy	Rodriguez Delgado	Carlos	8	Paper Retaining Water	Eastlake Middle School	Ricardo Martinez
3rd	909		Physics & Astronomy	Silva	Dharla	8	Using a Digital Camera to Measure Skyglow	Our Lady of Mount Carmel	Sr. Juanita Pereyra
3rd	910		Physics & Astronomy	Tarle	Candace	7	The Force is Strong withSoftball	St. John School - Encinitas	Gena Heins
3rd	911		Physics & Astronomy	Teran	Valeria	7	Objects In Motion	St. Didacus Parish School	Rita Blickenstaff
3rd	912		Physics & Astronomy	Thompson	Bobby	8	The Effect of Device Type on Radio Frequency	City Tree Christian School	Michelle Lee
3rd	923	Т	Plant Sciences	Curtis	Cole	8	Regular Agriculture vs. Aquaponics	St. John School - Encinitas	Gena Heins
3rd	923	Т	Plant Sciences	Watson	Zachary	8	Aquaponics vs. Regular Agriculture	St. John School - Encinitas	Gena Heins
3rd	928		Plant Sciences	Gerson	Dalia	8	How Glucose Affects Plants	San Diego Jewish Academy	Lily Deveau

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3rd	929		Plant Sciences	Hamel	Scarlett	8	Do Plants Grow Better in Structured Spring Water, Microwaved Tap Water, or Bottled Water?	Mt. Helix Academy	Suneeta Cohen
3rd	934		Plant Sciences	Moreno- Magoni	Camila	7	How Do Different Liquids Affect How a Plant Grows?	St. Therese Academy	Lauren Peterson
3rd	936		Plant Sciences	Ortiz	Andreina	7	The Best Mulch for Plants	St. Didacus Parish School	Rita Blickenstaff
3rd	937		Plant Sciences	Potter	Claire	8	Acid Rain, Killing Our Crops	St. Didacus Parish School	Rita Blickenstaff
3rd	951		Product Testing/ Consumer Science	Brenes	Natalie	8	What Material Makes the Best Insulator for Cold Liquids	St. Pius X School	Rachel Doyle
3rd	953		Product Testing/ Consumer Science	Carvajal	Antonio	7	Yeasty Goodness	St. Pius X School	Rachel Doyle
3rd	956		Product Testing/ Consumer Science	Estudillo	Adela	8	Which Sunscreen is Best?	St. Didacus Parish School	Rita Blickenstaff
3rd	966	Т	Product Testing/ Consumer Science	Johnson	Kaylee	7	Perfect Polish	St. Michael's School Poway	June Poling
3rd	966	Т	Product Testing/ Consumer Science	Shaikhvand	Collette	7	Perfect Polish	St. Michael's School Poway	June Poling
3rd	968		Product Testing/ Consumer Science	Magana	Paris	8	Comapring Glucose Levels in Homemade and Commercial Brand Smoothies	Chula Vista Middle	Gina Saclauso- Caro
3rd	969		Product Testing/ Consumer Science	McKamey	Trey	8	Child Safety Locks	St. Didacus Parish School	Rita Blickenstaff

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3rd	970	Т	Product Testing/ Consumer Science	Montejo	Rosy	7	Soaking Up Science	St. Peter the Apostle School	Frances Jones
3rd	970	Т	Product Testing/ Consumer Science	Nasry	Margaret	7	Soaking Up Science	St. Peter the Apostle School	Frances Jones
3rd	971		Product Testing/ Consumer Science	Naughton	Sasha	8	What Fabric is Affected the Most by Kool Aid	St. Mary Star of the Sea	Janice Alonso
3rd	975		Product Testing/ Consumer Science	Noriega	Kristen	8	Premium or Great Value: Can You Tell the Difference?	Our Lady of Guadalupe Academy	Joshua Patton
3rd	976		Product Testing/ Consumer Science	Payne	Mercedes	7	Which Brand of Correction Tape is Best for Common Use?	Nazareth School	Marilyn Reed
3rd	978		Product Testing/ Consumer Science	Romo	Araceli	8	Effects of Temperature on Fabric Fibers	Chula Vista Middle	Gina Saclauso- Caro
3rd	982		Product Testing/ Consumer Science	Willert	Frederick	8	Breaking Glass	Mt. Helix Academy	John Hudson
3rd	985		Product Testing/ Consumer Science	Santos	Jaime	7	The Phone Drop Test	Corfman School	Isaac Leon
4th	523		Behavioral & Social Sciences	Abejo	Jay	7	Why Do We Yawn?	St. Michael Academy - San Diego	Aaron Okuley
4th	544	Т	Behavioral & Social Sciences	Gonzalez	Anais	8	Audio Illusions	Our Lady of Mount Carmel	Sr. Juanita Pereyra
4th	544	Т	Behavioral & Social Sciences	Jimenez	Valentina	8	Audio Illusions	Our Lady of Mount Carmel	Sr. Juanita Pereyra

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4th	562		Behavioral & Social Sciences	Marley	Katie Grace	7	Battle of the Brands	St. Peter the Apostle School	Frances Jones
4th	575		Behavioral & Social Sciences	Pascua	Jazmine Marie	8	How is Comprehension Affected by Reading From Paper Versus an Electronic Device?	St. Michael Academy - San Diego	Aaron Okuley
4th	577		Behavioral & Social Sciences	Persichilli	Emma	7	Effect of Packaging on Food Preference	St. Didacus Parish School	Rita Blickenstaff
4th	579		Behavioral & Social Sciences	Pham	Shaun	8	Reaction Time	St. Didacus Parish School	Rita Blickenstaff
4th	593		Behavioral & Social Sciences	Thomas	Aaliyah	7	Teamwork with Friends vs Strangers	St. Michael Academy - San Diego	Aaron Okuley
4th	611		Biochemistry	Lesher	Ryan	8	Sugar & Starch: How Do Carbohydrates in Junk Food Affect Teenagers?	Grant Middle School	Christine Baldwin
4th	618		Biochemistry	Roddy	Sydney	8	Candy vs Temperature	Farb Middle	Patricia Huntington
4th	623		Biochemistry	Wilson	Henry	7	The Best Food Battery	St. Didacus Parish School	Rita Blickenstaff
4th	629		Chemistry	Bridge	Anna	8	Paint and Temperature	Farb Middle	Patricia Huntington
4th	637		Chemistry	Guzman	Breann	8	What Type of Oil Separates from Water the Fastest?	Farb Middle	Patricia Huntington
4th	639		Chemistry	Juarez	Saraih	8	How Much Salt is Needed in Water for an Object to Float?	Chula Vista Middle	Tina Tom

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4th	645		Chemistry	Singer	Catherine	7	Does Coke, Water, or Milk Rot Your Teeth the Quickest?	Mt. Helix Academy	John Hudson
4th	650		Chemistry	Zamora	Dafydd	8	Wood and Water Absorption	St. Didacus Parish School	Rita Blickenstaff
4th	668		Earth & Planetary Science	Estevez	Eli	8	Oxygen: How Much Is In Your Air?	St. Pius X School	Rachel Doyle
4th	673		Earth & Planetary Science	Magat	Xavier	8	Dispersion of Oil	St. Rita's School San Diego	Ahmad Rice
4th	706		Engineering: Electrical & Mechanical	Lopez	Mayela	7	The MiP Robot and Obstacle Sizes	St. Didacus Parish School	Rita Blickenstaff
4th	711	Т	Engineering: Electrical & Mechanical	Nguyen	Emily	8	A-"Wave" from Global Warming	Good Shepherd Catholic School	MaryAnn McNeil
4th	711	Т	Engineering: Electrical & Mechanical	Nguyen	Catherine	8	A-"Wave" from Global Warming	Good Shepherd Catholic School	MaryAnn McNeil
4th	735	Т	Engineering: Energy & Transport	Barajas	Eliam	8	Solar Traffic Light	Our Lady of Mount Carmel	Sr. Juanita Pereyra
4th	735	Т	Engineering: Energy & Transport	Delgadillo	Sebastian	8	Solar Traffic Light	Our Lady of Mount Carmel	Sr. Juanita Pereyra
4th	744		Engineering: Energy & Transport	Navarro	Blake	7	A Real Energy Race: Battery Power vs. Solar Power	Barbara Worth Jr. High	Max Zinn
4th	746		Engineering: Energy & Transport	Razo Flores	Octavio	8	DIY Battery Charger vs DIY Potato Charger	Chula Vista Middle	Gina Saclauso- Caro

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4th	754	Т	Engineering: Materials & Bioengineering	Claypool	Jocelyn	7	D.A.N.C. Drug Administering Nano Chip	Marston Middle	Lori Holland
4th	754	Т	Engineering: Materials & Bioengineering	Green	Maxwell	7	D.A.N.C Drug Administering Nano Chip	Marston Middle	Lori Holland
4th	762		Engineering: Materials & Bioengineering	Jaber	Bruno	8	Water on Wood	St. Didacus Parish School	Rita Blickenstaff
4th	764		Engineering: Materials & Bioengineering	Montiel	Jorge	8	Organic Fiber Replacement Plastic	Our Lady of Mount Carmel	Sr. Juanita Pereyra
4th	766		Engineering: Materials & Bioengineering	Pajimola	Jacob	8	Rock Solid	St. Didacus Parish School	Rita Blickenstaff
4th	768		Engineering: Materials & Bioengineering	Thai	Tyler	8	Does Temperature Affect Sound Volume?	Wangenheim Middle	Tommy Mendibles
4th	777	Т	Environmental Sciences & Management	Arechiga	Elizabeth	8	Are People Affected by Radiation Pollution Inside Their Homes?	St. John of the Cross	Greg Krumm
4th	777	Т	Environmental Sciences & Management	Luna	Frida	8	Are People Safe from Radiation Pollution Inside Their Homes?	St. John of the Cross	Greg Krumm
4th	784		Environmental Sciences & Management	Cunningham	Arianna	8	Carbon Filtering (CO2)	Farb Middle	Patricia Huntington
4th	796		Environmental Sciences & Management	Nguyen	Cong	8	Soak Up the Grease	Wangenheim Middle	Tommy Mendibles
4th	809		Environmental Sciences & Management	Torres	Alexandra	7	Edible Water Bottles	Corfman School	Isaac Leon

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4th	819	Т	Medicine & Health Sciences	Banuelos	Isabela	8	Blood Coagulation	Our Lady of Mount Carmel	Sr. Juanita Pereyra
4th	819	Т	Medicine & Health Sciences	Hernandez	Renatta	8	Blood Coagulation	Our Lady of Mount Carmel	Sr. Juanita Pereyra
4th	874		Microbiology	Kleinman	Matisyahu	8	Is it Okay to Dip the Chip?	Soille San Diego Hebrew Day School	Matt Bessler
4th	875		Microbiology	Lawson	Eva	7	How Moisturizing Is Your Moisturizer?	St. Gregory the Great	Mairs Ryan
4th	878		Microbiology	Ma'ake	Stefini	7	UVB Light Kills Bacteria	St. Didacus Parish School	Rita Blickenstaff
4th	880		Microbiology	Meram	Samantha	7	5-Second Rule	Corfman School	Isaac Leon
4th	892		Microbiology	Ortega	Alyssa	7	Microorganisms in Our Environment	Corfman School	Isaac Leon
4th	918		Plant Sciences	Almada	Alejandro	8	Bio Ball	St. John of the Cross	Greg Krumm
4th	927		Plant Sciences	Garcia	Sivan Hendric	8	The Effect of Scarification Methods on the Germination Rate of Seeds	Wangenheim Middle	Tommy Mendibles
4th	932		Plant Sciences	Lemus	Alyssa	8	Capillary Action	Barbara Worth Jr. High	Celena Calip
4th	933	Т	Plant Sciences	McGillis	Gabby	7	What Type of Water is Best for Plants?	St. Michael's School Poway	June Poling

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4th	933	Т	Plant Sciences	Mills	Emerson	7	What Type of Water is Best for Plants	St. Michael's School Poway	June Poling
4th	938	Т	Plant Sciences	Rincon- Castellanos	Diego	8	Aquaponics	Our Lady of Mount Carmel	Sr. Juanita Pereyra
4th	938	Т	Plant Sciences	Sanchez	Eduardo	8	Aquaponics	Our Lady of Mount Carmel	Sr. Juanita Pereyra
4th	939		Plant Sciences	Saiki	Brandon	7	Keeping Your Dog and Lawn Happy and Healthy	St. Michael's School Poway	June Poling
4th	940		Plant Sciences	Savage	Isaac	8	Natural vs Artificial Fertilizer	St. Didacus Parish School	Rita Blickenstaff
4th	943		Plant Sciences	Verdadero	Danelle	8	How Does Magnetism Affect the Direction a Plant Grows?	Wangenheim Middle	Tommy Mendibles
4th	954	Т	Product Testing/ Consumer Science	Casillas	Elise	8	Which Makeup Wipe Works the Best ?	Carlton Hills Middle	Kathryn Ducharme
4th	954	Т	Product Testing/ Consumer Science	Russell	Elizabeth	8	Which Makeup Wipe Works the Best	Carlton Hills Middle	Kathryn Ducharme
4th	962		Product Testing/ Consumer Science	Guenniche	Sophie	8	Pack It Up	Soille San Diego Hebrew Day School	Matt Bessler
4th	981		Product Testing/ Consumer Science	Walp	Michael	7	Which Surf Wax Grips the Best	Nazareth School	Marilyn Reed
4th	984		Product Testing/ Consumer Science	Zabrocki	Joey	7	Flex Tape vs. Duct Tape	All Hallows Academy	Chelsea Humkey