

Greater San Diego Science & Engineering Fair 2020
Category Place Awards - JUNIOR DIVISION
Judging Results By ALPHA

Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Earth & Planetary Science	654	3rd	Adolpho	Kalani	Is the Size of the Tornado Affected by Water Temperature ?	7	Nativity School	T. Lunn
Product Testing/ Consumer Science	892	3rd	Alatorre	Camila	Removing Permanent Marker Stains	8	Chula Vista Middle School	T. Tom
Microbiology	810	3rd	Al-Delaimy	Meryem	UV Rays Vs UV Light on Bacteria	8	Bright Horizon Academy	N. Nasereddin
Behavioral & Social Sciences	518	1st	Alfaro	Gabriela	Do People Prefer/Use E-Books or Print Books for Leisure Reading?	7	Nazareth School	M. Reed
Product Testing/ Consumer Science	893	2nd	Alford	Finley	Effects of Heat on Fishing Line	7	All Hallows Academy	J. Meza
Physics & Astronomy	831	2nd	Allende	Jacques	What Tennis String Produces the Most Spin and Power	7	Nazareth School	M. Reed
Earth & Planetary Science	665	3rd	Alvarado	Kandice	The Impact of Light Pollution	7	Corfman School	I. Leon
Engineering: Materials & Bionegineering	718	2nd	Aly	Ziyad	Hydraulic Powered Robot Cardboard Arm	7	Bright Horizon Academy	N. Naserelddin
Computer Science	639	2nd	Anderson	Ashton	Using Machine Learning to Detect and Identify Food Products for the Sight Impaired.	8	Correia Middle School	J. Flosky
Environmental Sciences & Management	740 Team	3rd	Antonio	Jacob	How Does the Presence of Heavy Metals Affect Aquatic Environments?	8	Wangenheim Middle School	M. Silva
Engineering: Electrical & Mechanical	667 Team	3rd	Apalatea	Michael	The Memory Metal	8	St. John School - Encinitas, CA	G. Heins
Environmental Sciences & Management	741	2nd	Apostol	Korina	Which Form of Insulation is Most Effective in Retaining the Temperature of Hot Green Tea at 0 Degrees Fahrenheit?	8	St. Michael Academy San Diego	M. Escalante

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Microbiology	811	1st	Arnold	Abigail	The Antibacterial Properties of Manuka Honey in Relation to Its UMF Value	8	Mt. Helix Academy	J. Hudson
Microbiology	812	3rd	Aswad	Farah	Which Works Best?? Alcohol vs. Homemade Sanitizers	8	Bright Horizon Academy	N. Nasereldin
Engineering: Materials & Bionegineering	720	2nd	Ayesta-Hollstein	Sofia	The New Water Solution	8	Stella Maris Academy	A. Jones
Chemistry	612	2nd	Azhand	Harris	How Does the Type of Carbon Affect the Clarity of Filtered Colored Water?	8	Wangenheim Middle School	T. Mendibles
Medicine & Health Sciences	781 Team	3rd	Azzeh	Ella	Are Fingerprint Patterns Inherited	7	St. John School - Encinitas, CA	G. Heins
Behavioral & Social Sciences	519	3rd	Baes	Piper	Personal Personality	8	St. Peter the Apostle Catholic School	T. Fantano
Behavioral & Social Sciences	520 Team	4th	Ballew	Tea	What Causes Us to Take Longer When Making a Decision at a Concession Stand?	7	St. Michael's School - Poway	J. Poling
Physics & Astronomy	833	1st	Bamba	Jayden	Wooden Secret Power Vs. Speed	8	Farb Middle School	P. Huntington
Engineering: Electrical & Mechanical	668 Team	1st	Bamford	Tom	Constructing an Affordable Robotic Device that Automates Multiple Agricultural Tasks	8	The Rhoades School	R. Hunker
Environmental Sciences & Management	740 Team	3rd	Banco	Brando	How Does the Presence of Heavy Metals Affect Aquatic Environments?	8	Wangenheim Middle School	M. Silva
Environmental Sciences & Management	742	4th	Banda Carrillo	Ana	How Does Diet affect Red Earthworms Population and Soil?	6	Our Lady of Guadalupe Academy	J. Patton
Behavioral & Social Sciences	521	1st	Bannister	Zara	Correlation of Psychological Flexibility Traits to Physical Displacement	8	The Rhoades School	R. Hunker

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Microbiology	813	3rd	Barron	America	Bacteria in USD Currency	8	Chula Vista Middle School	G. Saclauso-Caro
Product Testing/ Consumer Science	894	2nd	Barsoumian	Andrew	Swimming Suit Speed	8	St. Joseph Academy	R. Hanson
Animal Sciences	501	1st	Barton	Mele	Investigating Plastic Contaminants Present in the Alimentary Tracts of Fish	8	The Rhoades School	R. Hunker
Engineering: Electrical & Mechanical	669	2nd	Bassyouni	Kareem	Shakeless Structures	7	Bright Horizon Academy	N. Nasereldin
Behavioral & Social Sciences	522	1st	Bateman	Maya	The Effect of Your Age on How Scared You Are	8	The Children's School	T. Brown
Product Testing/ Consumer Science	895	1st	Bateman	Siena	Gender Bias by Color in Kids Clothing Stores	7	The Children's School	D. Quincannon
Engineering: Electrical & Mechanical	670 Team	3rd	Bayot	Abigail	What They Can't See May Hurt Them	8	St. Rita's Catholic School	A. Rice
Behavioral & Social Sciences	523 Team	1st	Belanich	Taylor	Who Follows the Rules?	7	The Rhoades School	R. Hunker
Chemistry	613	1st	Bella	Jenevie	What Fabric is Most Absorbent of Water	8	Chula Vista Middle School	T. Tom
Physics & Astronomy	834	1st	Benedict	Sawyer	Evaluating the Effectiveness of Light Shields Against Skyglow	7	The Rhoades School	R. Hunker
Computer Science	640 Team	3rd	Benintend	Logan	Generating Color Through Coding an Infinity Mirror	7	The Rhoades School	R. Hunker
Computer Science	641	3rd	Berg	Liora	Look Away: Vision App	8	Soille San Diego Hebrew Day School	M. Bessler

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Microbiology	814	1st	Berman	Jonah	Comparing Bacteria Levels at Fast Food Restaurants	7	The Rhoades School	R. Hunker
Environmental Sciences & Management	743 Team	4th	Bernal	Celeste	How to Clean Up an Oil Spill	7	Our Lady of Mount Carmel	J. Pereyra, SJS
Microbiology	815 Team	3rd	Berona	Dominic	Sweet Sensation: What Sugar Substitutes Work the Best Compared to Basic Sugar	8	Wangenheim Middle School	M. Silva
Medicine & Health Sciences	782 Team	3rd	Bertellotti	Ethan	A Study of Padding	7	St. Michael's School - Poway	K. McHale
Behavioral & Social Sciences	524	2nd	Bettinger	Jorielle Nyla	Which Affects Adolescents' Mental Health More? Social Media vs. School	8	St. Michael Academy San Diego	M. Escalante
Product Testing/ Consumer Science	896 Team	1st	Blue	James	Beat the Heat: Comparing the Effectiveness of Blacktop Coatings	8	The Rhoades School	R. Hunker
Environmental Sciences & Management	767 Team	2nd	Bordine	Kelly	Exploring Water Quality at the Buena Vista Lagoon	8	The Rhoades School	R. Hunker
Animal Sciences	502 Team	1st	Bove	Preston	Dog Saliva vs. Human Saliva	7	St. John School - Encinitas, CA	G. Heins
Earth & Planetary Science	655	2nd	Brady	Morgan	Why is there Extra Light in our Skies?	8	Stella Maris Academy	A. Jones
Product Testing/ Consumer Science	897 Team	2nd	Brandenburg	Maddox	Documenting Ball Pressure Changes and Subsequent Effects on Performance	8	The Rhoades School	R. Hunker
Product Testing/ Consumer Science	898 Team	2nd	Bray	Andalyn	The Effects of Ultra Violet Light on Printer Ink	7	St. Michael's School - Poway	J. Poling
Engineering: Electrical & Mechanical	671	3rd	Britt	Gavin	Which Angle of a Solar Panel Creates the Most Electricity?	8	De Portola Middle School	L. Yepiz

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Engineering: Energy & Transport	694	2nd	Brooks	Cameron	Why Does a Wind Turbine Need to Have a Good Aerodynamic Design	7	Bonita Vista Middle School	C. Shimasaki
Plant Sciences	862	4th	Bucholtz	Seth	Does Depth of Hole Effect Size of Plant?	8	The Children's School	D. Quincannon
Environmental Sciences & Management	744 Team	4th	Buechs	Eoin	Light Pollution	8	St. John School - Encinitas, CA	G. Heins
Physics & Astronomy	836	2nd	Buratti	Margherita	How to Get Out of Quicksand	8	The Children's School	D. Quincannon
Environmental Sciences & Management	744 Team	4th	Burkart	Alex	Light Pollution	8	St. John School - Encinitas, CA	G. Heins
Animal Sciences	502 Team	1st	Burns	Carlie	Dog Saliva vs. Human Saliva	7	St. John School - Encinitas, CA	G. Heins
Behavioral & Social Sciences	525 Team	2nd	Burrows	Noa	Effects of Emotion on Vocal Volume	8	The Rhoades School	R. Hunker
Plant Sciences	863	2nd	Cagayao	Jodie Marie	Wifi the Death to Plants?	7	St. Michael Academy San Diego	M. Escalante
Microbiology	816	3rd	Calatroni	Sofia	What Prevents Germ Growth the Most - Cold Temperatures, Copper, or Disinfecting wipes	7	All Hallows Academy	J. Meza
Behavioral & Social Sciences	526 Team	3rd	Calderon	Sabrina	InCreativity	7	St. Michael's School - Poway	J. Poling
Environmental Sciences & Management	745	3rd	Camarena	Hector	Can I Make It Rain For Cheap?	8	Farb Middle School	P. Huntington
Biochemistry	597	4th	Cannon	Elenore	Organic vs Non-Organic Bananas Investigation	8	Chula Vista Middle School	G. Saclauso-Caro

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Physics & Astronomy	837	3rd	Cantore	Nico	Golf Balls and Price Ranges	8	St. Didacus Parish School	R. Blickenstaff
Behavioral & Social Sciences	527	3rd	Cappiello	Griffin	Effects of Positive Vocalizations On Athletic Performance	8	The Rhoades School	R. Hunker
Environmental Sciences & Management	746 Team	3rd	Carbajal	Karol	Recycling Greenhouse	8	Our Lady of Mount Carmel	J. Pereyra, SJS
Animal Sciences	503	2nd	Carlson	Karissa	Worms Compost	8	St. Didacus Parish School	R. Blickenstaff
Behavioral & Social Sciences	528	3rd	Carr	George	Does Where You Sit Affect Your Test Scores?	8	The Children's School	T. Brown
Plant Sciences	864 Team	4th	Castrejon	Carlo	Which Fertilizer is Best for Plant Growth?	7	Our Lady of Mount Carmel	J. Pereyra, SJS
Product Testing/ Consumer Science	899 Team	3rd	Castro	Alexa	Which Wood is More Sustainable for Heavy Objects?	6	Our Lady of Mount Carmel	J. Pereyra, SJS
Plant Sciences	864 Team	4th	Castro	Omar	Which Fertilizer is the Best for Plant Growth	7	Our Lady of Mount Carmel	J. Pereyra, SJS
Earth & Planetary Science	656 Team	4th	Castro	Valentina	Which Biodegradable Method Works the Best?	8	Our Lady of Mount Carmel	J. Pererya, SJS
Product Testing/ Consumer Science	899 Team	3rd	Castro	Valeria	Which Wood is More Sustainable for Heavy Objects?	6	Our Lady of Mount Carmel	J. Pereyra, SJS
Earth & Planetary Science	657	1st	Catanzaro	Marcus	Percolation: Quantifying the Movement of Water Through Soil	8	Pacific Beach Middle School	G. Greenberg
Engineering: Electrical & Mechanical	672	3rd	Celestino	Katherine	Which Turbine Propeller Design Produces the Most Amount of Voltage?	8	St. John of the Cross Catholic School	G. Krumm

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Engineering: Energy & Transport	695 Team	3rd	Cervantes	Brenda	Parachutes: Does Size Matter?	8	National City Middle School	K. Langel
Product Testing/ Consumer Science	900	1st	Chamberlin	Nicole	The Best Type of Sunscreen	8	St. Didacus Parish School	R. Blickenstaff
Physics & Astronomy	838	1st	Chandra	Vikramaditya Sidharth	Why the Moon Appears Larger Occasionally	7	San Elijo Middle School	S. Bireddy
Behavioral & Social Sciences	531	2nd	Chapman	Cooper	How Will Gender Effect Financial Bias?	7	The Children's School	D. Quincannon
Product Testing/ Consumer Science	901	1st	Chatha	Anusha	Harvesting Water: Testing the Effectiveness of Various Sized Mesh in Fog Nets	8	The Rhoades School	R. Hunker
Computer Science	642 Team	1st	Chatha	Arjun	Fall Detection: Using Artificial Intelligence to Help the Elderly	8	The Rhoades School	R. Hunker
Behavioral & Social Sciences	532	2nd	Childress	Payslie	Can You Outsmart a 6th Grader	8	Carlton Hills Middle School	K. Ducharme
Engineering: Electrical & Mechanical	673	1st	Choi	Chris	Solectricity	7	Corfman School	I. Leon
Computer Science	643	3rd	Cisneros	Emilio	What Materials Block WiFi Signal	7	Bonita Vista Middle School	C. Cardenas
Engineering: Materials & Bionengineering	721	3rd	Coates	Dayna	Raise The Roof-Top Gardens	8	Rancho del Rey Middle School	D. Castillo
Biochemistry	599	4th	Coles	Naija	Looking Deeper Into the Results of Gel Electrophoresis	8	Wangenheim Middle School	T. Mendibles
Engineering: Energy & Transport	696 Team	3rd	Colucci	Max	Rocket Cars	8	St. John School - Encinitas, CA	G. Heins

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Animal Sciences	504	3rd	Cook	Aidan	Magnetic Regeneration for Planaria	8	St. Didacus Parish School	R. Blickenstaff
Engineering: Materials & Bionengineering	722	2nd	Copon	Ethan	Can You Trust Your Truss?	7	Bonita Vista Middle School	J. Stell
Engineering: Electrical & Mechanical	667 Team	3rd	Cordaro	Brendan	The Memory Metal	8	St. John School - Encinitas, CA	G. Heins
Chemistry	614	2nd	Cornejo	Christina	Separating Hydrogen and Oxygen from Water	8	St. Rita's Catholic School	A. Rice
Product Testing/ Consumer Science	902	3rd	Coronel-Villarreal	Hector	Thermal Shock	8	Corfman School	C. Butler
Behavioral & Social Sciences	533	2nd	Crowe	Mikayla	The Effect of Gender on Participation in Sports	8	The Children's School	T. Brown
Computer Science	644	3rd	Cruz	Diego	At What Angle Does Light Show Up the Clearest in a Spectrometer?	8	Wangenheim Middle School	M. Silva
Engineering: Materials & Bionengineering	723	3rd	Cruz	Vincent Michael	How Does the Amount of Fins Affect a Submarine's Speed?	8	Wangenheim Middle School	T. Mendibles
Animal Sciences	505	3rd	Cummins	Cassara	Oil Removed from Feathers	8	St. Didacus Parish School	R. Blickenstaff
Engineering: Materials & Bionengineering	724	3rd	Dagdag	Samantha	The Comparison of Different Bridge Supports Before Breaking	8	Wangenheim Middle School	T. Mendibles
Environmental Sciences & Management	748 Team	3rd	Dailey	Sebastian	Which Interior is Most Economical?	7	St. Michael's School - Poway	K. McHale
Chemistry	615	3rd	De Guzman	Lukky	Preventing Condensation on Eyeglasses	8	Chula Vista Middle School	T. Tom

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Environmental Sciences & Management	749	3rd	De Guzman	Ryan	H2 Oh No! Which San Diego Public Parks Have the Cleanest Drinking Water?	8	Good Shepherd Catholic School	Mary A. McNeil
Behavioral & Social Sciences	534	2nd	De Las Alas	Jeremy	Does the Awareness of a Positive Consequence Affect the Way You Work?	8	St. Michael Academy San Diego	M. Escalante
Behavioral & Social Sciences	535	3rd	Degodoy	Olivia	Gamers vs Non-gamers Reaction Times	7	Bonita Vista Middle School	C. Shimasaki
Behavioral & Social Sciences	536	3rd	Dela Cruz	Gerrel	Autism's Bizarre Adventure	8	Farb Middle School	P. Huntington
Environmental Sciences & Management	750	3rd	Delgado	Raquel	How Much Air Pollution is There in Places Visited Every Day	7	All Hallows Academy	J. Meza
Product Testing/ Consumer Science	903	2nd	DeSouza	Nicolas	Which Helmet is Safer - Hockey or Football Helmet?	7	All Hallows Academy	J. Meza
Physics & Astronomy	839	2nd	Diones	Ayann	Which Color Absorbs the Greatest Amount of Radiant Energy?	7	St. Michael Academy San Diego	M. Escalante
Environmental Sciences & Management	751	4th	Dionne	Colin	Reach for the Stars	7	St. Peter the Apostle Catholic School	T. Fantano
Product Testing/ Consumer Science	904	1st	Do	Cameron	Comparing the Effectiveness of Various Face Masks in Blocking Coarse and Fine Particulates	8	The Rhoades School	R. Hunker
Biochemistry	600	2nd	Do	Kai	How Does L-ascorbic Acid Affect the ph Levels of Tilapia Skin	8	Wangenheim Middle School	M. Silva
Chemistry	616	3rd	Do	Nathan	Acid Attack	8	Farb Middle School	P. Huntington
Behavioral & Social Sciences	538	2nd	Doan	Vivian	Color and Preference	8	Farb Middle School	P. Huntington

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Medicine & Health Sciences	783 Team	2nd	Dockery	Patrick	Hearing Loss When You Use Headphones, Earbuds, Airpods	7	St. Michael's School - Poway	K. McHale
Medicine & Health Sciences	781 Team	3rd	Dodds	Evan	Are Fingerprint Patterns Inherited?	7	St. John School - Encinitas, CA	G. Heins
Medicine & Health Sciences	784	3rd	Dogra	Sania	Indirect Assessment of Solanine Levels in Potatoes Over Time	8	The Rhoades School	R. Hunker
Behavioral & Social Sciences	539	3rd	Dolin	Rebecca	Perception: Positive or Negative Space	8	Carlton Hills Middle School	K. Ducharme
Engineering: Energy & Transport	697	1st	Duben	Asher	Energy Shoe	8	Soille San Diego Hebrew Day School	M. Bessler
Product Testing/ Consumer Science	905	3rd	Dullano	Dylan	Coke versus Pepsi Blind Taste Test	7	St. Michael Academy San Diego	M. Escalante
Product Testing/ Consumer Science	906	3rd	Duong	Joshua	Will Polish Prevent Wood From Absorbing Water	8	Chula Vista Middle School	T. Tom
Medicine & Health Sciences	782 Team	3rd	Duong	Tyler	A Study of Padding	7	St. Michael's School - Poway	K. McHale
Chemistry	617	3rd	Dyakova	Victoria	Glycerin and Soap Bubbles	8	Wangenheim Middle School	T. Mendibles
Biochemistry	601	4th	Echoku	Lisa	How Would the Fat in Milk Affect It Spoiling?	8	Chula Vista Middle School	T. Tom
Behavioral & Social Sciences	540	1st	Elasaad	Leila	Testing the Effectiveness of the Flipped Classroom Model on Student Recall	8	The Rhoades School	R. Hunker
Behavioral & Social Sciences	541	2nd	Eldegwy	Mariam	The Effect of Gender on Short-Term Memory	7	Bright Horizon Academy	N. Naserleddin

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Engineering: Materials & Bionengineering	725	1st	Englund	Lilian	Bioplastics: Cleaning Up Our Oceans	8	St. Mary Star of the Sea School	J. Alonso
Product Testing/ Consumer Science	907	2nd	Ertel	Elisheva	Straws for a Cause	8	Soille San Diego Hebrew Day School	M. Bessler
Environmental Sciences & Management	752 Team	1st	Esch	Adam	Quantifying the Effectiveness of P. ostreatus in Mycoremediation of Heavy Metals	8	The Rhoades School	R. Hunker
Microbiology	817	2nd	Escobar	Ema	The Five Second Rule	7	St. Didacus Parish School	R. Blickenstaff
Engineering: Electrical & Mechanical	674	3rd	Escudero	Anderson	Does the Amount of Salt in Water Affect Electrical Conductivity?	6	St. Mary Star of the Sea School	J. Alonso
Environmental Sciences & Management	743 Team	4th	Esguerra	Sofia	How to Clean Up an Oil Spill	7	Our Lady of Mount Carmel	J. Pereyra, SJS
Engineering: Energy & Transport	698	1st	Estep	Kyle	Soaring Through the Science of Rockets	8	Farb Middle School	P. Huntington
Microbiology	818	1st	Fan	Leanne	Power of Light: The Antibacterial Effect of Red and Blue Lights	6	Mesa Verde Middle School	D. Fice
Physics & Astronomy	840	2nd	Faust	Jackson	Light Pollution	7	St. John School - Encinitas, CA	G. Heins
Chemistry	619	1st	Figueroa	Samuel	Instant Drinks	7	Corfman School	I. Leon
Product Testing/ Consumer Science	908 Team	3rd	Figueroa-Valdez	Daniel	Measuring pH Levels in Drinking Water Products to Determine Which Are Healthier (In Terms of pH Levels)	6	Our Lady of Mount Carmel	J. Pereyra, SJS
Chemistry	618	4th	Flietstra	Jonathan	The Effect of Length of Cloth with Naphtha Lighter Fluid on Flame Duration	8	City Tree Christian School	M. Lee

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Physics & Astronomy	841	2nd	Fouch	Lucas	Make a Hit Chart Like a Pro	7	Bonita Vista Middle School	C. Shimasaki
Behavioral & Social Sciences	542	1st	Frank	Sophia	Does Color Have an Effect on Our Memory?	7	St. John School - Encinitas, CA	G. Heins
Chemistry	620	2nd	Fries	Sam	Water and Nitrates	8	St. Didacus Parish School	R. Blickenstaff
Physics & Astronomy	842	2nd	Gagiolo	Ty	Non-Newtonian Fluids vs. Projectile	8	St. Didacus Parish School	R. Blickenstaff
Behavioral & Social Sciences	543	3rd	Galicot	Andrea	Which Ages Have Better Teamwork	8	San Diego Jewish Academy	L. Deveau
Computer Science	645 Team	3rd	Gamboa	Mateo	Programming a Tic-Tac-Toe Game	8	St. John of the Cross Catholic School	G. Krumm
Computer Science	646	2nd	Gandara	Emilio	Coding a Game	8	St. John of the Cross Catholic School	G. Krumm
Engineering: Electrical & Mechanical	675	3rd	Garcia	Isabella	How do Photovoltaic Modules React to Temperature?	7	Bonita Vista Middle School	C. Shimasaki
Engineering: Energy & Transport	699	2nd	Garcia	Shane	Aero - Potato	8	St. John School - Encinitas, CA	G. Heins
Plant Sciences	865	4th	Garcia	Stefania	What Type of Plants are More Flammable?	7	Bonita Vista Middle School	C. Cardenas
Product Testing/ Consumer Science	909	1st	Gelle	Abdullahi	Plastic in Rice	7	Bright Horizon Academy	N. Nasereldin
Behavioral & Social Sciences	544	2nd	Goldwasser	Michelle	Which Sex Trusts Themselves More Than Others?	8	San Diego Jewish Academy	L. Deveau

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Behavioral & Social Sciences	545	2nd	Gonzalez	James	Audiobooks & Literacy	8	St. John of the Cross Catholic School	G. Krumm
Product Testing/ Consumer Science	910 Team	2nd	Gonzalez	Sarai	Toilet Paper Breaking Point	8	Our Lady of Mount Carmel	J. Pereyra, SJS
Computer Science	647	1st	Goodsell	Kai	Forecasting Stock Market Values Using Machine Learning	8	The Rhoades School	R. Hunker
Computer Science	640 Team	3rd	Goodsell	Koe	Generating Color Through Coding an Infinity Mirror	7	The Rhoades School	R. Hunker
Behavioral & Social Sciences	546	1st	Goodwin	Karis	The Power of Suggestion	8	St. John School - Encinitas, CA	G. Heins
Product Testing/ Consumer Science	911	2nd	Gorou	Melania	What Is In Your Water	7	Nazareth School	M. Reed
Medicine & Health Sciences	785	2nd	Goswami	Sameer	Investigating Lead Contamination in Children's Consumer Products	8	The Rhoades School	R. Hunker
Computer Science	645 Team	3rd	Gracias	Jacob	Programming a Tic-Tac-Toe Game	8	St. John of the Cross Catholic School	G. Krumm
Product Testing/ Consumer Science	912	2nd	Gray	Noelle	Which Baking Method Works Best for Cheesecakes?	8	Carlton Hills Middle School	K. Ducharme
Chemistry	621	1st	Green	Alexis	Types of Paint and Temperature vs Drying Time	7	St. Michael Academy San Diego	M. Escalante
Engineering: Materials & Bionengineering	726	1st	Griger	Veronica	Is It Possible to Make a Biodegradable Straw Out of Casein Plastic?	7	Coastal Academy	B. Biernacki
Environmental Sciences & Management	753	3rd	Grodeman	Savanna	Can San Diego's Freshwater pH Sustain Rainbow Trout Population?	8	Chula Vista Middle School	T. Tom

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Chemistry	622	2nd	Gruber	Mila	Which Natural Ingredient Can Make Homemade Litmus Paper Work as Well as Store-bought Litmus Paper?	6	St. Mary Star of the Sea School	J. Alonso
Environmental Sciences & Management	754	3rd	Guerrero	Alayda	Oceans Without Border	8	Chula Vista Middle School	G. Saclauso-Caro
Chemistry	623	3rd	Haim	Annalee	Holy Crap!	8	Soille San Diego Hebrew Day School	M. Bessler
Product Testing/ Consumer Science	897 Team	2nd	Halenza	Carter	Documenting Ball Pressure Changes and Subsequent Effects on Performance	8	The Rhoades School	R. Hunker
Physics & Astronomy	843	1st	Hall	Micah	Model Rocket Aerodynamics	7	Mt. Helix Academy	J. Hudson
Plant Sciences	866	3rd	Hamel	Alexis	How Does Attention Affect a Plant's Growth?	7	Mt. Helix Academy	J. Hudson
Product Testing/ Consumer Science	913	2nd	Hayek	Katie	Soaking Up the Sun	8	St. Peter the Apostle Catholic School	T. Fantano
Plant Sciences	867	3rd	Haynes	Hunter	Comparing the Number of Stomata on Leaves of Bushes and Succulents	7	Eastlake Middle School	R. Martinez
Animal Sciences	506	4th	Hernandez	Emmanuel	How Does Temperature Affect the Work of Ants?	8	Our Lady of Mount Carmel	J. Pereyra, SJS
Environmental Sciences & Management	755	4th	Hernandez	Marcos	Temperature and Beach Water pH	8	St. Didacus Parish School	R. Blickenstaff
Animal Sciences	507 Team	2nd	Hina	Emiko	Incubating Chicks: Will EO Water and UV Light Affect Hatchability?	8	St. Rita's Catholic School	A. Rice
Physics & Astronomy	844	3rd	Hinds	Hayden	Fluid Thickness and its Effects on Coil Efficiency	7	Nativity School	T. Lunn

Greater San Diego Science & Engineering Fair 2020
Category Place Awards - JUNIOR DIVISION
Judging Results By ALPHA

Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Medicine & Health Sciences	786	1st	Hmoud	Reem	One Step Closer to Ending Diabetes by Choosing the Right Variety of Rice	7	Bright Horizon Academy	N. Nasereldin
Product Testing/ Consumer Science	914	3rd	Hoang	Trinity	How Do Different Marker Brands Determine Whether Ink Fades Away Faster?	8	Wangenheim Middle School	M. Silva
Product Testing/ Consumer Science	915	1st	Hotz	Daniel	Think Before You Drink: Testing the Effectiveness of Various Electrolyte Solutions	8	Mt. Helix Academy	J. Hudson
Product Testing/ Consumer Science	916	1st	Hotz	Jacob	Skintastic Sunscreen	8	Mt. Helix Academy	J. Hudson
Behavioral & Social Sciences	547	3rd	Housden	Ian	The Effect of Sound on Heart Rate	8	The Children's School	T. Brown
Behavioral & Social Sciences	523 Team	1st	Howard	Grace	Who Follows the Rules?	7	The Rhoades School	R. Hunker
Microbiology	819	2nd	Howard	Sophie	How Much Bacteria is Really on Your Toothbrush?	8	St. John School - Encinitas, CA	G. Heins
Animal Sciences	508	2nd	Hudgins	Daneyia	Dogs Vs. Humans: Who Can See Better in the Dark?	8	Farb Middle School	P. Huntington
Product Testing/ Consumer Science	917	2nd	Hulse	Alexandria	Testing Pointe Shoe Pads	7	Nazareth School	M. Reed
Engineering: Energy & Transport	696 Team	3rd	Humphrey	Evan	Rocket Cars	8	St. John School - Encinitas, CA	G. Heins
Plant Sciences	868	2nd	Hurd	Ashley	Does Highlighter Ink or Tonic Water Produce a More Luminescent Carnation?	8	Wangenheim Middle School	T. Mendibles
Medicine & Health Sciences	787	1st	Hussain	Daanya	Are Probiotics Beneficial for Brain Health?	8	Bright Horizon Academy	N. Nasereldin

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Judging Results By ALPHA

Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Earth & Planetary Science	658	2nd	Inocentes	Alecsandra	The Effect of Salt Level on Plant Growth	8	St. Michael Academy San Diego	M. Escalante
Environmental Sciences & Management	756	2nd	Ismail	Fatuma	Can Bacteria Break Down Engine Oil?	8	Bright Horizon Academy	N. Nasereldin
Product Testing/ Consumer Science	918	1st	Jaber	Marcelo	Testing Different Glues in Different Temperatures	7	St. Didacus Parish School	R. Blickenstaff
Chemistry	624	2nd	Jackson	Lorelei	Vitamin C Levels at Different Ripening Stages of a Bell Peper	8	St. Mary Star of the Sea School	J. Alonso
Medicine & Health Sciences	788	3rd	Jayco	Robin	Studying and Performing Bioinformatics Using Influenza	8	St. Rita's Catholic School	A. Rice
Engineering: Energy & Transport	700 Team	1st	Jeon	Jaeyoung	Experimental System Designs to Improve Energy Efficiency of Vehicle in Real World Road Conditions	8	Mesa Verde Middle School	R. Bird
Product Testing/ Consumer Science	919 Team	1st	Jimenez	Valentino	The Effect of Shoe Type on Jumping	7	City Tree Christian School	M. Lee
Behavioral & Social Sciences	548	2nd	Jinich	Marc	Decision Making Biases: Nature vs. Nurture	8	San Diego Jewish Academy	L. Deveau
Engineering: Materials & Bionegineering	727	3rd	Johnson	Brevan	How Can Adding Filling to a Cardstock Cylinder Affect Its Stability?	8	Wangenheim Middle School	T. Mendibles
Behavioral & Social Sciences	549	4th	Jones	Isabel	Random Numbers	8	St. Didacus Parish School	R. Blickenstaff
Behavioral & Social Sciences	550	4th	Jones	Jemma	Text Color and Readability	7	St. Didacus Parish School	R. Blickenstaff
Environmental Sciences & Management	757	2nd	Kamencik	Tanner	Would a Black Solar Tube Filled with Water Gain More Energy Than a White Solar Tube Filled with Water?	7	All Hallows Academy	J. Meza

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Plant Sciences	869	2nd	Kantala	Jedrick	The Effects of Powder Metal on Grass	8	Wangenheim Middle School	T. Mendibles
Earth & Planetary Science	659	3rd	Kaplan	Julia	Which Oil Makes the Best Rainbow?	8	San Diego Jewish Academy	L. Deveau
Plant Sciences	870	2nd	Kareem	Rozita	Effect of Elements on Plants	8	Bright Horizon Academy	N. Naserelddin
Mathematical Sciences	776	2nd	Katriel	Levi	Analyzing NFL Statistics To Determine Impacts of Injuries on Team Performance	8	The Rhoades School	R. Hunker
Biochemistry	602	1st	Kazi	Hafsah	Turmeric: The Effect on Metals in Healthy Cells	7	Bright Horizon Academy	N. Naserelddin
Behavioral & Social Sciences	551	2nd	Kelly	Alana	The Effect of Varying Reading Speeds on Reading Comprehension for Dyslexics	8	The Children's School	T. Brown
Environmental Sciences & Management	758 Team	1st	Keswani	Rohan	Documenting the Prevalence of Invasive Species at the Batiquitos Lagoon	7	The Rhoades School	R. Hunker
Behavioral & Social Sciences	552	1st	Khan	Safwa	Effect of Color On Memory	8	Bright Horizon Academy	N. Naserelddin
Chemistry	625	1st	Killion	Jasmine	Does Soda Ash Make Tie Dye Brighter?	8	Mt. Helix Academy	J. Hudson
Engineering: Energy & Transport	700 Team	1st	Kim	Ryan	Experimental System Designs to Improve Energy Efficiency of Vehicle in Real World Road Conditions	8	Mesa Verde Middle School	R. Bird
Engineering: Energy & Transport	701	3rd	King	Evan	The Test Track	8	Wangenheim Middle School	T. Mendibles
Biochemistry	603	3rd	Kishimoto	Jaren	Electricity in Fruits and Vegetables	7	St. Michael's School - Poway	J. Poling

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Engineering: Materials & Bionengineering	736	2nd	Knapton	Philip	What Material of Baseball Bats Have the Higher Exit Velocity	7	Nazareth School	M. Reed
Engineering: Electrical & Mechanical	676 Team	3rd	Knoll	Andres	Is It More Beneficial to Build Your Own Drone Versus Buying One?	8	St. John of the Cross Catholic School	G. Krumm
Engineering: Energy & Transport	702	3rd	Kosol	Janina	How Does the Shape of a Skateboard Affect Speed	8	Wangenheim Middle School	T. Mendibles
Microbiology	820	1st	Kozak	Josh	Is a Washed or Unwashed Egg Better at Protecting Against Bacteria	7	All Hallows Academy	J. Meza
Physics & Astronomy	845	3rd	Krajewski	Ronald	Project Catapult	7	St. Michael's School - Poway	J. Poling
Physics & Astronomy	846	1st	Kyne	Silas	Trailer Sway? No Way!	8	St. Joseph Academy	R. Hanson
Medicine & Health Sciences	789	2nd	Lacibal	Eljen	The Effect of Different Liquids on a Liver	8	Wangenheim Middle School	M. Silva
Earth & Planetary Science	660 Team	3rd	Lam	Kaia	How Does Temperature Affect the Mineral Amount In Different Types of Water?	8	Wangenheim Middle School	M. Silva
Environmental Sciences & Management	759	4th	Lambert	Joseph	The Stirling Engine	7	Nativity School	T. Lunn
Chemistry	626	2nd	Lapp	Eliyahu	Get Your Oils Ready	8	Soille San Diego Hebrew Day School	M. Bessler
Environmental Sciences & Management	774	2nd	Larios	Emely	Constructing Bio-Plastic as a Replacement for the Traditional Petroleum Based Plastic	8	Chula Vista Middle School	T. Tom
Product Testing/ Consumer Science	920	4th	Lau	Brandon	Fast Fizz: What Liquid Dissolves Alka-Seltzer Fastest?	8	Mt. Helix Academy	J. Hudson

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Category Place Awards - JUNIOR DIVISION
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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Animal Sciences	509	3rd	Lawler- Ehr	Sophie	Horse Heart Beats	7	St. Peter the Apostle Catholic School	T. Fantano
Product Testing/ Consumer Science	921	2nd	Lay	Avery	Biodegradable Straws	7	St. Didacus Parish School	R. Blickenstaff
Environmental Sciences & Management	760	2nd	Lay	Kyla	Flowers and Erosion	8	St. Didacus Parish School	R. Blickenstaff
Medicine & Health Sciences	790	1st	Lehmann	Isabel	Climber's Chalk: Quantifying Exposure to Magnesium Carbonate Coarse and Fine Particulates	8	The Rhoades School	R. Hunker
Plant Sciences	871	3rd	Leong	Gregory	Coffee Grounds in Action	7	St. Pius X School	R. Doyle
Product Testing/ Consumer Science	922	1st	Leos	James	Synthetic vs Conventional	7	St. Didacus Parish School	R. Blickenstaff
Environmental Sciences & Management	761	2nd	Leung	Kayla	How Much Carbon Dioxide is Produced by Different Gas Sources?	8	St. Michael Academy San Diego	M. Escalante
Behavioral & Social Sciences	553	1st	Levi	Lauren	Uncontrollable Laughter	8	Soille San Diego Hebrew Day School	M. Bessler
Environmental Sciences & Management	762	4th	Liang	Stephanie	Water Filters: The Future of Helping Nature?	7	Bonita Vista Middle School	C. Cardenas
Physics & Astronomy	847	1st	Licha	Jack	Bumper to Bumper	8	Soille San Diego Hebrew Day School	M. Bessler
Chemistry	627	1st	Ligeralde	Racel	More Than Just A Drink: Fuel Power At Peak	8	Good Shepherd Catholic School	Mary A. McNeil
Behavioral & Social Sciences	554	2nd	Lindgren	Christopher	Reaction Time	7	St. Didacus Parish School	R. Blickenstaff

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Judging Results By ALPHA

Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Environmental Sciences & Management	763	3rd	Lindsey	Emilie	The Effect of Acidification on Beam Clam Shell Mass and Seagrass Length	8	City Tree Christian School	M. Lee
Medicine & Health Sciences	791 Team	2nd	Link	Audrey	Investigating Antimicrobial Properties of Eco-Friendly Herbal Disinfectants	7	The Rhoades School	R. Hunker
Engineering: Energy & Transport	703	3rd	Lopez	Jose	Energy in the Sky	8	Our Lady of Guadalupe Academy	J. Patton
Behavioral & Social Sciences	555	3rd	Lopez	Mayela	Accuracy of Eyewitness Testimony	8	St. Didacus Parish School	R. Blickenstaff
Physics & Astronomy	848	3rd	Lugasi	Eitan	Ready For Take-Off	8	Soille San Diego Hebrew Day School	M. Bessler
Engineering: Energy & Transport	704	4th	Lugo	Isabella	Water=Electricity?	8	Good Shepherd Catholic School	M. McNeil
Medicine & Health Sciences	792	3rd	Luu	Alan	Absorbing Alveoli	8	Farb Middle School	P. Huntington
Engineering: Materials & Bionengineering	728	2nd	Lynch	Cooper	Why It Breaks	8	San Diego Jewish Academy	L. Deveau
Product Testing/ Consumer Science	924	3rd	Maake	Alayna	Generic Versus Name Brand Cereals: Absorbability	7	St. Didacus Parish School	R. Blickenstaff
Physics & Astronomy	849	2nd	Machuca	Breanna	Does the Size of a Parachute Alter Its Landing Speed	8	Chula Vista Middle School	T. Tom
Environmental Sciences & Management	748 Team	3rd	MacNab	Jacob	Which Interior is Most Economical?	7	St. Michael's School - Poway	K. McHale
Mathematical Sciences	777	1st	Madhukara	Nandana	Mathematical Origami Models for Space Structures Based on the Axial Compressibility of Cones	7	Pacific Trails Middle School	K. Freeman

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Chemistry	628	3rd	Maman	Eitan	Is Your H2O the Way to Go	8	San Diego Jewish Academy	L. Deveau
Engineering: Electrical & Mechanical	677	1st	Manalo	Jennine	Generating Energy from Sewage Water Flow	8	St. Rita's Catholic School	A. Rice
Product Testing/ Consumer Science	898 Team	2nd	Mara	Annie	The Effects of Ultra Violet Light on Printer Ink	7	St. Michael's School - Poway	J. Poling
Medicine & Health Sciences	793	3rd	Marasigan	Marianna	Does Gender Affect How Often Arched Fingerprints Occur?	7	Wangenheim Middle School	T. Mendibles
Plant Sciences	872 Team	1st	Marcy	Ryanne	Pesky Pesticides	8	Coastal Academy	B. Biernacki
Plant Sciences	873	3rd	Marquez	Hayden	Hydroponic Growing Methods VS Traditional Growing Methods	7	Bonita Vista Middle School	C. Shimasaki
Computer Science	648	1st	Martinez	Andrew	What Materials Can Reduce A WiFi Signal	6	St. Mary Star of the Sea School	J. Alonso
Behavioral & Social Sciences	556	1st	Masi	Lily	Investigating Anxiety Levels In Preadolescent Vs. Adolescent Children	7	The Rhoades School	R. Hunker
Biochemistry	604	3rd	Matias	Isabella	Which Apple Will Win?	7	Bonita Vista Middle School	C. Shimasaki
Behavioral & Social Sciences	557	4th	Mattsson	Sara	Color for Memory	8	Carlton Hills Middle School	K. Ducharme
Behavioral & Social Sciences	558	3rd	Maudal	Ava	Aptitude on Attitude	8	St. John School - Encinitas, CA	G. Heins
Engineering: Materials & Bionegineering	729	3rd	Maya	Nina	Ocean Pollution Solution	8	Soille San Diego Hebrew Day School	M. Bessler

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Category Place Awards - JUNIOR DIVISION
Judging Results By ALPHA

Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Behavioral & Social Sciences	559	1st	Maya	Zelma	The Effect of Clutter on Productivity	8	Soille San Diego Hebrew Day School	M. Bessler
Chemistry	629	3rd	Mayne	Evangeline	Slime Stretchiness	8	The Cambridge School High School	M. Mayne
Medicine & Health Sciences	794	3rd	McElfresh	Ruthie	Does Ballet Experience Affect Reaction Time?	8	Soille San Diego Hebrew Day School	M. Bessler
Physics & Astronomy	850 Team	3rd	McGarry	Haegan	Foooling Gravity	6	St. Peter the Apostle Catholic School	T. Fantano
Product Testing/ Consumer Science	925	1st	McGinnis	Killian	Football Helmet Safety	7	St. Didacus Parish School	R. Blickenstaff
Engineering: Electrical & Mechanical	678	2nd	McKinney	Nathan	Mapping the Field of an Electromagnet	8	Good Shepherd Catholic School	Mary A. McNeil
Engineering: Materials & Bionengineering	730 Team	1st	McKone-Sweet	Marcos	Paper Airplanes Air Dynamics	7	St. Michael's School - Poway	J. Poling
Behavioral & Social Sciences	560	3rd	McNamara	Kelsie	Social Media	7	St. John School - Encinitas, CA	G. Heins
Plant Sciences	874	1st	Mendoza	Gizcel	Water Propagation vs Soil Propagation for Succulents	8	Wangenheim Middle School	M. Silva
Medicine & Health Sciences	795	2nd	Meram	Samantha	Can Your Phone Really Kill You?	8	Corfman School	C. Butler
Behavioral & Social Sciences	520 Team	4th	Mercado	Isabella Joyce	What Causes Us to Take Longer When Making a Decision at a Concession Stand?	7	St. Michael's School - Poway	J. Poling
Engineering: Electrical & Mechanical	679	3rd	Meyer	Christopher	Hammering Force for Different Types of Wood	6	St. Mary Star of the Sea School	J. Alonso

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Medicine & Health Sciences	796	2nd	Meyers	Sofia	Does Being on Your Phone Make You Blink More?	8	St. John School - Encinitas, CA	G. Heins
Environmental Sciences & Management	752 Team	1st	Millikin	Grace	Quantifying the Effectiveness of P. ostreatus in Mycoremediation of Heavy Metals	8	The Rhoades School	R. Hunker
Plant Sciences	875	3rd	Miranda	Joaqui	Fertilizer's Effect on Pea Plant Apperance	8	Wangenheim Middle School	M. Silva
Product Testing/ Consumer Science	926	3rd	Miranda	Nicholas	Got Apples?	7	St. Michael Academy San Diego	M. Escalante
Medicine & Health Sciences	797	3rd	Mizan	Orin	Crybaby	8	Soille San Diego Hebrew Day School	M. Bessler
Behavioral & Social Sciences	561	3rd	Montal	Paul	Does the Type of Group You Work with Affect Math Test Scores?	8	The Children's School	T. Brown
Behavioral & Social Sciences	562	1st	Montal	Shane	The Effect of Teaching Nonverbal Communication on Nonverbal Communication Knowledge	7	The Children's School	D. Quincannon
Product Testing/ Consumer Science	927 Team	1st	Montejo	Rosy	Bottle of the Brands	8	St. Peter the Apostle Catholic School	T. Fantano
Behavioral & Social Sciences	563	2nd	Montiel	Ashley	What Do You See?	8	St. Michael Academy San Diego	M. Escalante
Engineering: Electrical & Mechanical	676 Team	3rd	Morales	Miguel	Is It More Beneficial to Build Your Own Drone Versus Buying One?	8	St. John of the Cross Catholic School	G. Krumm
Plant Sciences	876	3rd	Morin	Emma	The Effect of pH of Water on Cress Seed Growth	6	City Tree Christian School	M. Lee
Plant Sciences	877	4th	Morineau	Emilio	What Factor is Most Important for a Plant's Growth?	8	Our Lady of Mount Carmel	J. Pereyra, SJS

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Engineering: Electrical & Mechanical	680	1st	Moxley	Cecilia	Motor's Role in Robot Mobility	8	De Portola Middle School	M. Bridges
Behavioral & Social Sciences	564	3rd	Mulvey	Grace	Real or Fake Smile	7	St. Didacus Parish School	R. Blickenstaff
Engineering: Energy & Transport	705	2nd	Munshi	Ronit	Robotic Insect	7	Carmel Valley Middle School	Siobhan C. Kelly
Engineering: Electrical & Mechanical	681	2nd	Murray	Leanne	Which Dome Should Be Your Home?	8	Wangenheim Middle School	M. Silva
Behavioral & Social Sciences	565 Team	2nd	Muzaini	Jenan	How Likely are People to Conform to Groups?	7	Bright Horizon Academy	N. Nasere;ddin
Behavioral & Social Sciences	526 Team	3rd	Myhra	Shaelan	InCreativity	7	St. Michael's School - Poway	J. Poling
Medicine & Health Sciences	798	1st	Nagarajan	Krishna	The Effect of Simple Sugars on Adolescent Heart Rate	8	The Rhoades School	R. Hunker
Medicine & Health Sciences	799	3rd	Namazy	Max	Does Age Affect Olfactory Fatigue?	8	Mt. Helix Academy	J. Hudson
Product Testing/ Consumer Science	927 Team	1st	Nasry	Margaret	Bottle of the Brands	8	St. Peter the Apostle Catholic School	T. Fantano
Engineering: Energy & Transport	695 Team	3rd	Navarro	Mya	Parachutes: Does Size Matter?	8	National City Middle School	K. Langel
Plant Sciences	878	3rd	Ndume	Dorcas	The Effect of Music (Classical and Pop) on Growth of Okra Seeds	8	City Tree Christian School	M. Lee
Behavioral & Social Sciences	566	2nd	Nesbitt	Wesley	The Effects of Roris Marini on Recall in Adolescent Test Subjects	8	The Rhoades School	R. Hunker

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Engineering: Electrical & Mechanical	682	3rd	Newton	Wesley	The Comparative Noise-Eliminating Effects of Several Materials	8	St. Didacus Parish School	R. Blickenstaff
Behavioral & Social Sciences	567 Team	2nd	Nguyen	Annabella	How Different Scenarios Affect Us	8	Farb Middle School	P. Huntington
Product Testing/ Consumer Science	928	3rd	Nguyen	Cassie	The Pigmentation of Paint in Sunlight	7	St. Didacus Parish School	R. Blickenstaff
Mathematical Sciences	778	NS	Nguyen	Simon	Polygon Area Calculator and Pi Estimator	7	Good Shepherd Catholic School	Mary A. McNeil
Engineering: Electrical & Mechanical	683	3rd	Norin	Luke	The Effect of Angles on Catapult Launch	6	City Tree Christian School	M. Lee
Environmental Sciences & Management	764	1st	Norvell	Willa	Woolsey Fire Burnt Soil: Analyzing Factors for Native Plant Regrowth	8	The Rhoades School	R. Hunker
Animal Sciences	510	3rd	Nunez Vazquez	Jessica	Marine Environmental Change	8	Farb Middle School	P. Huntington
Behavioral & Social Sciences	568	4th	Ocampo	Jaden	What is the Effect of Net or No Net on Free Throw Percentage?	8	Wangenheim Middle School	T. Mendibles
Behavioral & Social Sciences	569	4th	Occhialini	Frank Ray	Effectiveness of Lie Detector Tests	7	St. Didacus Parish School	R. Blickenstaff
Behavioral & Social Sciences	570	4th	O'Hollaren	Elias	The Effect of Video Games on Heart Rate	7	St. Didacus Parish School	R. Blickenstaff
Engineering: Energy & Transport	706	2nd	O'Leary	Luke	Effects of Temperature on Hydroelectric Energy	7	St. Gregory the Great Catholic School	S. Dasgupta
Microbiology	821	3rd	Olin	Magnolia	Bacteria in Public Pools	8	Chula Vista Middle School	G. Saclauso-Caro

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Product Testing/ Consumer Science	929	1st	Oquendo	Alyna	The Effect of Isopropyl Alcohol vs Lysol Disinfectant	8	Chula Vista Middle School	G. Saclauso-Caro
Environmental Sciences & Management	765	2nd	Ortega	Alyssa	Air Pollutants In Our Environment	8	Corfman School	C. Butler
Physics & Astronomy	851	2nd	Ortiz	Andreina	Rolling Friction	8	St. Didacus Parish School	R. Blickenstaff
Plant Sciences	879	4th	Ortiz	Sofia	Do Potted Plants Grow Taller Indoors or Outdoors?	7	St. Pius X School	R. Doyle
Medicine & Health Sciences	800	3rd	Palma	Aaron Jonathan	Myocardial Infarction Representation Experiment	8	St. Rita's Catholic School	A. Rice
Behavioral & Social Sciences	571 Team	2nd	Palmer	Luke	Running at the Speed of Music	8	The Rhoades School	R. Hunker
Behavioral & Social Sciences	572	3rd	Pascual	John	Music As A Tool	8	St. Michael Academy San Diego	M. Escalante
Behavioral & Social Sciences	573	2nd	Pastuszko	Maya	The Effect of Colors on People with in Different Ages	8	The Children's School	D. Quincannon
Product Testing/ Consumer Science	896 Team	1st	Patel	Neelan	Beat the Heat: Comparing the Effectiveness of Blacktop Coatings	8	The Rhoades School	R. Hunker
Behavioral & Social Sciences	574	2nd	Pathria	Sonali	The Affect of the Similarity of Appearance on How Attractive and Persuasive You Find That Person	8	The Children's School	T. Brown
Engineering: Materials & Bionengineering	731	3rd	Patterson	Liam	Structures that Reduce Tsunami Damage	7	St. Didacus Parish School	R. Blickenstaff
Animal Sciences	511	3rd	Patterson	Robbie	Paw Dominance in Dogs	7	St. Didacus Parish School	R. Blickenstaff

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Product Testing/ Consumer Science	930	1st	Pawl	Jackson	Best Bottle Brand	7	All Hallows Academy	J. Meza
Animal Sciences	512	3rd	Penalosa	Emmanuel	What Foods Do Dogs Prefer?	7	St. Michael Academy San Diego	M. Escalante
Earth & Planetary Science	656 Team	4th	Perez	Isabella	Which Biodegradable Method Works the Best?	8	Our Lady of Mount Carmel	J. Pereyra, SJS
Engineering: Energy & Transport	708	4th	Perez	Leonardo	What Makes a Helicopter Fly?	8	Our Lady of Mount Carmel	J. Pereyra, SJS
Product Testing/ Consumer Science	908 Team	3rd	Perez-Maytorna	Vicente	Measuring pH levels in Different Water Products to Find Out Which is Healthier (In terms of pH Levels)	6	Our Lady of Mount Carmel	J. Pereyra, SJS
Behavioral & Social Sciences	575	3rd	Persichilli	Emma	How Colored Packaging Affects Children's Food Choices	8	St. Didacus Parish School	R. Blickenstaff
Environmental Sciences & Management	766	4th	Petersen	Tyler	Microbial Fuel Cell - A New Energy Source	8	De Portola Middle School	M. Bridges
Engineering: Materials & Bionengineering	732	3rd	Pham	Tiffany	How Temperature of Materials Affects Sound	8	Wangenheim Middle School	M. Silva
Engineering: Energy & Transport	709	4th	Pham	Tony	How Does the Length of a Catapult Arm Affect the Distance a Ball is Launched?	8	Wangenheim Middle School	T. Mendibles
Computer Science	649	2nd	Plasencia	Oscar	N-Gram Fitness!	7	Nazareth School	M. Reed
Environmental Sciences & Management	767 Team	2nd	Podlich	Kaitlyn	Exploring Water Quality at the Buena Vista Lagoon	8	The Rhoades School	R. Hunker
Behavioral & Social Sciences	576	1st	Podolsky	Denisse	Who Has Better Memory-- Introverts or Extroverts?	8	Soille San Diego Hebrew Day School	M. Bessler

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Microbiology	815 Team	3rd	Polish	Sydney	Sweet Sensation: What Sugar Substitute Works Best Compared to Basic Sugar?	8	Wangenheim Middle School	M. Silva
Behavioral & Social Sciences	577	4th	Postins	Asha	Do We Base Who We Trust on Clothing	8	The Children's School	D. Quincannon
Animal Sciences	513	3rd	Prince	Kaia	Most Popular Bird Seed	8	St. Didacus Parish School	R. Blickenstaff
Engineering: Electrical & Mechanical	684	4th	Pritsker	Noah	The Real Way to Open a Coconut	8	Soille San Diego Hebrew Day School	M. Bessler
Physics & Astronomy	852	2nd	Pullman	Matthew	The Parachute Predicament	8	St. Joseph Academy	R. Hanson
Behavioral & Social Sciences	578	2nd	Qarar	Qudsia	Comparing Paper and Computer	7	Bright Horizon Academy	N. Nasereldin
Behavioral & Social Sciences	579	1st	Quezada	Adriana	It's All In Your Head: Inside a Stutterer's Brain	8	St. John School - Encinitas, CA	G. Heins
Animal Sciences	514	3rd	Quintero	Cianna	Worm Growth and Kitchen Wastes	8	Chula Vista Middle School	G. Saclauso-Caro
Plant Sciences	880	3rd	Rafii	Gabrielle	Extracting DNA from Strawberries	8	San Diego Jewish Academy	L. Deveau
Computer Science	650 Team	1st	Rao	Rahul	AI-Based Obstacle Detection and Notification for the Visually Impaired	8	Pacific Trails Middle School	S. Thacker
Computer Science	650 Team	1st	Rao	Rikhil	AI-Based Obstacle Detection and Notification for the Visually Impaired	8	Pacific Trails Middle School	S. Thacker
Earth & Planetary Science	661	3rd	Rascon	Joe	Plants & Colors	7	St. Didacus Parish School	R. Blickenstaff

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Physics & Astronomy	853	1st	Ravi	Tejas	The Effects of Various Wavelengths on Rod Activity	7	The Rhoades School	R. Hunker
Engineering: Energy & Transport	710	4th	Razo	Jorge	DIY Potato Charger vs DIY Dill Pickle Charger	8	Chula Vista Middle School	G. Saclauso-Caro
Engineering: Electrical & Mechanical	685	2nd	Recalde	Thomas	Can a Stirling Engine Run with a "Cold Source"?	7	St. Mary Star of the Sea School	J. Alonso
Engineering: Energy & Transport	716	3rd	Reyes	Isaac	Light and Action	8	Southwest Middle	E. Barron
Physics & Astronomy	854	1st	Reyes	Kylie	Determining if Helium Filled Latex Balloons Lose Buoyancy at a Linear or Non-Constant Rate	8	Chula Vista Middle School	T. Tom
Environmental Sciences & Management	768	4th	Rhee	Ethan	Cooking with the Sun	7	St. Didacus Parish School	R. Blickenstaff
Engineering: Energy & Transport	711	4th	Riaza	Frederic	Gas Mileage Put to the Test	8	St. Peter the Apostle Catholic School	T. Fantano
Plant Sciences	881	3rd	Riel	Larianna	Growth of Bush Bean Plants Inside of Box with Different Passageways	8	Wangenheim Middle School	T. Mendibles
Product Testing/ Consumer Science	919 Team	1st	Ritterbeck	Jackson	The Effect of Shoe Type on Jumping	7	City Tree Christian School	M. Lee
Animal Sciences	515	2nd	Rizo	Ria	Chicken Language Analysis over Time and Frequency	8	Mt. Everest Academy	N. Negus
Environmental Sciences & Management	746 Team	3rd	Robledo	Osdanna	Recycling Greenhouse	8	Our Lady of Mount Carmel	J. Pereyra, SJS
Behavioral & Social Sciences	580	1st	Rooney	Patrick	The Effect of Country of Origin on Employment Opportunities	8	The Children's School	T. Brown

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Behavioral & Social Sciences	581	1st	Ross	Sammy	When Time Flies	8	San Diego Jewish Academy	L. Deveau
Environmental Sciences & Management	769	3rd	Rotunda	Alex	Raise the Roof	7	St. Peter the Apostle Catholic School	T. Fantano
Medicine & Health Sciences	801	1st	Rupesh	Bhadra	Evaluating Single Nucleotide Polymorphisms in the Correlation of Phenotypes to Type 2 Diabetes	8	The Rhoades School	R. Hunker
Behavioral & Social Sciences	582	1st	Ryan	Leia	The Empathy Mechanism: Using a Quotient To Evaluate the Effects of Gender and Age	8	The Rhoades School	R. Hunker
Physics & Astronomy	855	2nd	Ryan	Samantha	How Does the Shape of a Paper Airplane Affect Its Ability to Fly?	8	St. Mary Star of the Sea School	J. Alonso
Environmental Sciences & Management	758 Team	1st	Samady	Elias	Documenting the Prevalence of Invasive Species in the Batiquitos Lagoon	7	The Rhoades School	R. Hunker
Computer Science	642 Team	1st	Samy	David	Fall Detection: Using Artificial Intelligence to Help the Elderly	8	The Rhoades School	R. Hunker
Engineering: Electrical & Mechanical	670 Team	3rd	Sanchez	Ashley	What They Can't See May Hurt Them	8	St. Rita's Catholic School	A. Rice
Physics & Astronomy	856 Team	3rd	Sanchez	Diego	Does the Size of a Parachute Affect Its Landing	7	Our Lady of Mount Carmel	J. Pereyra, SJS
Behavioral & Social Sciences	567 Team	2nd	Sanchez	Isabel	How Different Scenarios Affect Us	8	Farb Middle School	P. Huntington
Microbiology	822	3rd	Sandoval	Melanni	The Effect of Filtration Methods on River Water	8	The Children's School	D. Quincannon
Earth & Planetary Science	662 Team	4th	Santana-Oikawa	Danae	Preventing Forest Fires	8	Our Lady of Mount Carmel	J. Pereyra, SJS

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Engineering: Electrical & Mechanical	686	2nd	Santos	Jaime	Electromagnetism and Speakers	8	Corfman School	C. Butler
Behavioral & Social Sciences	583 Team	3rd	Savage	Matthew	The Stroop Effect	8	St. Didacus Parish School	R. Blickenstaff
Behavioral & Social Sciences	583 Team	3rd	Savage	Sean	The Stroop Effect	8	St. Didacus Parish School	R. Blickenstaff
Product Testing/ Consumer Science	931	2nd	Serawit	Yacob	Pulp or No Pulp?	8	St. Didacus Parish School	R. Blickenstaff
Earth & Planetary Science	663	2nd	Serena	Gabriela	Wave Runup and Ocean Floor Composition	7	St. Michael's School - Poway	J. Poling
Medicine & Health Sciences	783 Team	2nd	Serena	Gustavo	Hearing Loss When You Use Headphones, Earbuds, and AirPods	7	St. Michael's School - Poway	K. McHale
Plant Sciences	882	3rd	Serra-Fernandez	Maria	How is Plastic Pollution Affecting Our Plants ?	8	Wangenheim Middle School	M. Silva
Medicine & Health Sciences	802	2nd	Shaked	Moshe	Protecting Screens	8	Soille San Diego Hebrew Day School	M. Bessler
Plant Sciences	883	1st	Shallan	Felicity	An EGG-celent Fertilizer	8	Mt. Helix Academy	J. Hudson
Medicine & Health Sciences	791 Team	2nd	Sharma	Divya	Investigating Antimicrobial Properties of Eco-Friendly Herbal Disinfectants	7	The Rhoades School	R. Hunker
Behavioral & Social Sciences	525 Team	2nd	Shaull	Abigail	Effects of Emotion on Vocal Volume	8	The Rhoades School	R. Hunker
Environmental Sciences & Management	770	3rd	Sheldon	William	Humidity Hotspot	8	St. Joseph Academy	R. Hanson

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Microbiology	823	2nd	Shlemon	Sarah	Time to Glow: The Effect of Agitation on Dinoflagellate Bioluminescence	7	Classical Conversations	J. Shlemon
Product Testing/ Consumer Science	910 Team	2nd	Sierra	Romina	Toilet Paper Breaking Point	8	Our Lady of Mount Carmel	J. Pereyra, SJS
Environmental Sciences & Management	771	3rd	Silva	Gretchen	Where is the Bacteria in Your Faucet?	8	Chula Vista Middle School	G. Saclauso-Caro
Medicine & Health Sciences	803	2nd	Singer	Alek	Does BMX Improve Balance	8	Soille San Diego Hebrew Day School	M. Bessler
Chemistry	631	2nd	Singer	Catherine	What Wrapping Material Preserves Apples the Best: Ziploc Bags, Reynolds Wrap, or Glad Cling Wrap?	8	Mt. Helix Academy	J. Hudson
Behavioral & Social Sciences	584	1st	Sipper	Ellie	How Does the Color of the Logo Affect Kids' Emotions?	7	Nazareth School	M. Reed
Environmental Sciences & Management	772	4th	Slinkard	Peyton	Effectiveness of Homemade Desalinators	7	St. Didacus Parish School	R. Blickenstaff
Engineering: Energy & Transport	712	3rd	Slinsky	Daniel	Rocket Models	7	Our Lady of Mount Carmel	J. Pereyra, SJS
Medicine & Health Sciences	804	1st	Soberanes	Melissa	How Pollution is Affecting Children in the Imperial/Mexicali Valley	6	Our Lady of Guadalupe Academy	J. Patton
Behavioral & Social Sciences	585	1st	Sridharan	Agastya	Quantifying the Impact of Search-Order Bias on Voting Preferences using a Simulated Web Environment	8	Thurgood Marshall Middle School	E. Schumacher
Plant Sciences	884 Team	4th	Stack	Morgyn	Plant vs. Fire	7	St. Peter the Apostle Catholic School	T. Fantano
Animal Sciences	507 Team	2nd	Staines	Angelina	Incubating Chicks: Will EO Water and UV Light Affect Hatchability?	8	St. Rita's Catholic School	A. Rice

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Computer Science	651	1st	Steadman	Aleister	Using a Neural Network to Determine Emotion in Music	8	Wangenheim Middle School	M. Silva
Physics & Astronomy	834	1st	Streitman	Jake	Evaluating the Effectiveness of Light Shields Against Skyglow	7	The Rhoades School	R. Hunker
Microbiology	824	1st	Stroup	Shannon	Child and Adult Medical Clinic Waiting Rooms: Which Has More Bacteria?	7	Nazareth School	M. Reed
Behavioral & Social Sciences	586	1st	Sugapong	Evelyn	News: Believably False, or Unbelievably True?	7	Bonita Vista Middle School	C. Cardenas
Chemistry	632	2nd	Sun	Yi	Do Different Salt Types, Kosher, Sea Salt, and Pink Salt Have the Same Effect on the Time It Takes Ice to Melt?	8	Wangenheim Middle School	T. Mendibles
Chemistry	633	2nd	Sweeney	Jocelyn	Does Copper Ionization Work Better than Chemicals in Killing Algae?	7	Nazareth School	M. Reed
Chemistry	634	3rd	Szajkowski	Daniela	Marshmallow Density	8	St. Mary Star of the Sea School	J. Alonso
Physics & Astronomy	857	3rd	Tabalon	Jacob	The Phenomenon of Naruto Running	8	St. Michael Academy San Diego	M. Escalante
Behavioral & Social Sciences	587	3rd	Tadesse	Wegahta	Reaction Time and Ages	8	St. Didacus Parish School	R. Blickenstaff
Earth & Planetary Science	664	1st	Tamashiro	Sophia	The Effect of Different Types of Sunscreens on Brine Shrimp	8	City Tree Christian School	M. Lee
Engineering: Electrical & Mechanical	688	1st	Tamayo	Orion	Hand Motion Controlled Light	8	Farb Middle School	P. Huntington
Biochemistry	605	2nd	Tawatao	Samantha Gail	Does the Amount of Detergent Affect the Amount of DNA Extracted from a Banana?	8	Wangenheim Middle School	T. Mendibles

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Engineering: Electrical & Mechanical	668 Team	1st	Taylor	Ashur	Constructing an Affordable Robotic Device that Automates Multiple Agricultural Tasks	8	The Rhoades School	R. Hunker
Plant Sciences	885	4th	Taylor	Sylvie	Do Plants Grow the Fastest in Sandy or Clay Soil?	7	Mt. Helix Academy	K. Mac Donald
Behavioral & Social Sciences	571 Team	2nd	Telfer	Trey	Running at the Speed of Music	8	The Rhoades School	R. Hunker
Engineering: Materials & Bionengineering	733	2nd	Teran	Daniela	Heat Resistance of Concrete	8	St. Didacus Parish School	R. Blickenstaff
Environmental Sciences & Management	773	2nd	Teran	Valeria	Soil Bearing Capacity	8	St. Didacus Parish School	R. Blickenstaff
Behavioral & Social Sciences	588 Team	1st	Thaper	Mehar	Exploring Effects of Transient Emotions on Short Term Vs Long Term Recall	8	The Rhoades School	R. Hunker
Plant Sciences	884 Team	4th	Thomas	Chloe	Plants vs Fire	7	St. Peter the Apostle Catholic School	T. Fantano
Engineering: Electrical & Mechanical	689	1st	Tianshi	Kyle	Raspberry Pi Powered Microscopic Particle Detector Using Image Processing	8	The Cambridge School High School	M. Mayne
Plant Sciences	886	2nd	Timtiman	Arielle	The Effect of Aloe Vera Gel on Tomatoes	8	Wangenheim Middle School	T. Mendibles
Microbiology	825	3rd	Tiong	Jaelynn	The Greatest Elimination	8	St. Michael Academy San Diego	M. Escalante
Physics & Astronomy	858	2nd	Tirabassi	Aiden	Solar Powered Car	6	St. Mary Star of the Sea School	J. Alonso
Product Testing/ Consumer Science	932	3rd	Tortona	Jayce	How Does Temperature Affect Batteries	7	Bonita Vista Middle School	J. Stell

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Engineering: Materials & Bionengineering	734 Team	2nd	Toth	Alexandra	Phone Holder	7	St. Michael's School - Poway	J. Poling
Product Testing/ Consumer Science	933	3rd	Tran	Christopher	How Does the Number of Bananas in a Bunch Affect the Time They Take to Ripen?	8	Wangenheim Middle School	T. Mendibles
Earth & Planetary Science	660 Team	3rd	Tran	Emily	How Does Temperature Affect the Mineral Amount in Different Types of Water?	8	Wangenheim Middle School	M. Silva
Product Testing/ Consumer Science	934	2nd	Tran	Katie	Gloss and Glimmer: Which Will Be the Last Shimmer	8	Carlton Hills Middle School	K. Ducharme
Product Testing/ Consumer Science	935	2nd	Tran	Quynh	How Effective are Household Items on Removing Permanent Marker on Plastic?	8	Wangenheim Middle School	T. Mendibles
Engineering: Materials & Bionengineering	730 Team	1st	Tretinjak	Colten	Paper Airplanes Air Dynamics	7	St. Michael's School - Poway	J. Poling
Microbiology	826	2nd	Tuscano	Erin Grace	Testing the Effectiveness of Commercially Available Water Filters for Total Dissolved Solids and Microbial Growth	8	St. Michael Academy San Diego	M. Escalante
Engineering: Energy & Transport	713	1st	Usher	Nicholas	Superconductors: The Future of Transportation?	8	Classical Academy Middle School	J. Morrow
Behavioral & Social Sciences	590	2nd	Usmani	Aairah	Do Different Colored Walls Make You Focus More?	7	Bright Horizon Academy	N. Naserelddin
Behavioral & Social Sciences	565 Team	2nd	Usmani	Arissa	How Likely are People to Conform to Groups?	8	Bright Horizon Academy	N. Naserelddin
Medicine & Health Sciences	805	3rd	Valadez	Ivan	Feel the Burn	7	Barbara Worth Junior High School	C. Calip
Plant Sciences	887	2nd	ValeCruz	Noor	The Effect of DIY Liquid Fertilizer on the Growth of Squash Plants	8	Chula Vista Middle School	G. Saclauso-Caro

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Earth & Planetary Science	662 Team	4th	Valencia	Estefania	Preventing Forest Fires	8	Our Lady of Mount Carmel	J. Pereyra, SJS
Engineering: Electrical & Mechanical	691	2nd	Valenzuela	Lorenzo	Engineering a Hand	7	Corfman School	I. Leon
Engineering: Energy & Transport	714	1st	Vellore	Kashifa	Harvesting Piezoelectricity from Commonly Used Devices	7	Bernardo Heights Middle School	L. Cao
Plant Sciences	888	1st	Venger	Rebecca	The Effect of Extra Water on Closely Spaced Plants	8	Soille San Diego Hebrew Day School	M. Bessler
Biochemistry	606	2nd	Venverloh	Vincent	Does Amount of Water Within a Substance Effect Energy Obtainable	8	The Children's School	T. Brown
Physics & Astronomy	856 Team	3rd	Vidal	Santiago	Does the Shape of a Parachute Affect Its Speed and Distance?	7	Our Lady of Mount Carmel	J. Pereyra, SJS
Engineering: Energy & Transport	715	2nd	Villa	Alondra	What's the Best Cooking Pot Material?	8	Chula Vista Middle School	G. Saclauso-Caro
Product Testing/ Consumer Science	936	2nd	Villafana	Jonah	Steak Out: What Works Best to Tenderize Steak	7	St. Pius X School	R. Doyle
Biochemistry	607	3rd	Vogel	Kevin	Effect of Plastic Source on the Rate of Biodegradability	8	Chula Vista Middle School	G. Saclauso Caro
Behavioral & Social Sciences	591	2nd	Vosburgh	Nicole	The Stroop Effect in Action	8	St. John School - Encinitas, CA	G. Heins
Engineering: Materials & Bionengineering	735	1st	Vu	Vincent	Which Type of Inexpensive Soundproofing Produces Effective Soundproofing?	8	Wangenheim Middle School	T. Mendibles
Plant Sciences	872 Team	1st	Walley	Christina	Pesky Pesticides	8	Coastal Academy	B. Biernacki

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Category	Proj #	Place	Last Name	First Name	Project Title	Grade	School	Advisor
Behavioral & Social Sciences	588 Team	1st	Weston	Jamie Jane	Exploring Effects of Transient Emotions on Short Term vs Long Term Recall	8	The Rhoades School	R. Hunker
Physics & Astronomy	850 Team	3rd	White	Elijah	Fooooooling Gravity	6	St. Peter the Apostle Catholic School	T. Fantano
Engineering: Materials & Bionengineering	734 Team	2nd	Wilson	Christabella	Phone Holder	7	St. Michael's School - Poway	J. Poling
Behavioral & Social Sciences	592	2nd	Wilson	Henry	The Most Eye Catching Color	8	St. Didacus Parish School	R. Blickenstaff
Physics & Astronomy	859	3rd	Wilson	Leah	May the FORCE Be with You	8	Soille San Diego Hebrew Day School	M. Bessler
Microbiology	827	2nd	Wilson	Michelle	How Much Bacteria Accumulates on the Sole of a Brand New Pair of Shoes	7	All Hallows Academy	J. Meza
Behavioral & Social Sciences	593	2nd	Yaruss	Calvin	Which Facial Expression Can Be Most Easily Be Detected and Why?	8	The Children's School	T. Brown
Microbiology	828	2nd	Yerushalmi	Ella	SCOBY-doo. Where Are You? A Scientific Kombucha Experiment	8	Soille San Diego Hebrew Day School	M. Bessler
Medicine & Health Sciences	806	1st	Youssef	Sarah	Will Organic Really Make a Difference?	7	Bright Horizon Academy	N. Naserelddin
Chemistry	635	1st	Zagursky	Maya	What Recipe for Bath Bombs Makes the Fizziest Bath Bomb?	8	San Diego Jewish Academy	L. Deveau
Medicine & Health Sciences	807	1st	Zhang	Sydney	Designing A Low-cost, High-sensitivity Method For Early Diagnosis Of Dry Eye Diseases	7	Mesa Verde Middle School	C. Cochran