

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
1st Place	Animal Sciences	Cahill	Adelaide	Classical Conversations		Schmidaler	
1st Place	Animal Sciences	Esguerra	Dominique	Nazareth	7	Reed	Does Flouride Affect the Survival Rate of Daphnia
1st Place	Animal Sciences	Konyn	Kylie	St. Joseph Academy		Rice	
1st Place	Animal Sciences	Lewis	Matthew	Classical Conversations	8	Lewis	Circadian Conundrum
1st Place	Animal Sciences	Mandyam	Atulya	Mesa Verde Middle	7	Bird	Exercise Output in Male and Female Subjects that Voluntarily Exercise
1st Place	Animal Sciences	Orczyk	Alexandra	Rhoades	8	Hunker	Comparing Changes in Local Sea Star Populations
1st Place	Animal Sciences	Zdanowski	Caroline	Rhoades	8	Hunker	Examining Botanical Composition of Coastal California Gnatcatcher Habitats at Local Lagoons
2nd Place	Animal Sciences	Beim	Owen	Rhoades	8	Hunker	Monitoring Garibaldi in the Agua Hedionda Lagoon: Year II
2nd Place	Animal Sciences	Boyd	Bella	St. Didacus	7	Blickenstaff	Best Worm Reproduction Soil
2nd Place	Animal Sciences	Fritz	Kara	Rhoades	7	Hunker	Exploring Equine Responses to Auditory vs. Visual Stimuli
2nd Place	Animal Sciences	Lemon	Phoebe	Rhoades	7	Hunker	Investigating Feline Responses to Bird Songs
2nd Place	Animal Sciences	Leos	Chaya	Soille S.D.Hebrew Day	8	Bessler	RepellANTS
2nd Place	Animal Sciences	Rieger	Alan	St. Michael's School - Poway	7	Poling	Flakes vs Pellets Affect On pH, Nitrite, and Nitrate
2nd Place	Animal Sciences	Roberts	Sofia	All Hallows	7	Lambert	Chicken Egg Production: Artificial Light Compared to Natural Light
2nd Place	Animal Sciences	Vaughn	Emilia	Rhoades	7	Hunker	Canine Reaction To Symbolic Human Faces

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3rd Place	Animal Sciences	Lindgren	Iris	St. Didacus	8	Blickenstaff	Position vs. Color Pt. 2
3rd Place	Animal Sciences	Ostadan	William	St. Gregory the Great	7	Ryan	Why do Birds Suddenly Appear?
3rd Place	Animal Sciences	Rios	Michaela	St. Michael's School - Poway	7	Poling	Can Horses Understand Us?
3rd Place	Animal Sciences	Tracy	Cole	Mt. Helix Academy	8	Cohen	Does Magnetism Affect Planarian Regeneration?
3rd Place	Animal Sciences	Ward	Aisling	St. Didacus	7	Blickenstaff	Chicken Serenade
4th Place	Animal Sciences	Rosenberg	Tzivya	Soille S.D.Hebrew Day	8	Bessler	Sound and Scent
4th Place	Animal Sciences						
Behavioral/Social Sciences							
1st Place	Behavioral/Social Sciences	Armenta	Raul	St. Therese	8	Beavers	Font-astic!
1st Place	Behavioral/Social Sciences	Cai	Sean	Marshall Middle	8	Gillum	Using Linguistic Cues for the Automatic Recognition of Personality
1st Place	Behavioral/Social Sciences	Chrostowski	Kaya	St. Francis	8	Warren	Does the sugar and fat we consume affect our brains?
1st Place	Behavioral/Social Sciences	Courchesne	Sierra	Grant Middle School	8	Baldwin	Empathy and Social Perception: Gender Based or Not?
1st Place	Behavioral/Social Sciences	De Lara	Isaac	Soille S.D.Hebrew Day	8	Bessler	TV Madness
1st Place	Behavioral/Social Sciences	Derderian	Adrian	Escondido Christian School	7	DeLucia	The Wisdom of the Crowd
1st Place	Behavioral/Social Sciences	Epley	Sophia	Bonita Vista Middle	8	Shimasaki	Fifth Grade Students' Attitudes Toward Police Officers, Doctors, Firefighters and Teachers: The
1st Place	Behavioral/Social Sciences	Gmyr	Noelle	Santa Fe Christian	7	Culley	Do Dancers Have Better Reflexes?

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1st Place	Behavioral/Social Sciences	Kulick	Christopher	Rhoades	8	Hunker	Investigating Disabled Accessibility Compliance at North County Bus Stops
1st Place	Behavioral/Social Sciences	Lyons	Colleen	Notre Dame Academy	7	Lopatka	How Does Age Affect the Stroop Effect?
1st Place	Behavioral/Social Sciences	Ritchie	Avalon	St. Didacus	8	Blickenstaff	Simon Says Dance
1st Place	Behavioral/Social Sciences	Salah	Nadia	Islamic School of SD	7	Alkhawaja	Who Judges Me More - My Gender or the Opposite?
1st Place	Behavioral/Social Sciences	Sayd	Safiya	National University	7	Dillard	Heart Health: How Does Heart Rate Change with Exercise?
1st Place	Behavioral/Social Sciences	Silberstein	Maya	S. D. Jewish Academy	8	Deveau	Middle Schoolers On Morality
1st Place	Behavioral/Social Sciences	Usmani	Syed	Islamic School of SD	8	Alkhawaja	The Effect of Stereotype Threat on Middle School Students
2nd Place	Behavioral/Social Sciences	Alkhawaja	Ro'aa	Islamic School of SD	7	Alkhawaja	Don't Be a Puppet on a String
2nd Place	Behavioral/Social Sciences	Andrade	Daniela	St. John of the Cross	8	Krumm	The Science Behind Facial Expressions
2nd Place	Behavioral/Social Sciences	Bonakdar	Bodhi	Stella Maris Academy	8	Klubberud	Which Law of Human Perception by Grouping Has the Most Effect Over the Estimation of
2nd Place	Behavioral/Social Sciences	Brem	Ryan	Rhoades	7	Hunker	What's Easier to Solve: A Riddle or a Lateral Thinking Puzzle?
2nd Place	Behavioral/Social Sciences	Cochran	Kylee	De Portola Middle	8	Bridges	Is Beauty in the Eye of the Beholder?
2nd Place	Behavioral/Social Sciences	Concepcion	Emily	St. Didacus	8	Blickenstaff	"Is Mint The Hint?"
2nd Place	Behavioral/Social Sciences	Dei	Domenic	Rhoades	7	Hunker	Does Presenting Information in Song Format Enhance Recall?
2nd Place	Behavioral/Social Sciences	Elasaad	Jasmine	Rhoades	7	Hunker	Can a Tactile Experience Improve Visual Spatial Skills Performance?

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2nd Place	Behavioral/Social Sciences	Ferguson	Emily	Rhoades	8	Hunker	Investigating the Effects of Technology on Eyewitness Recall
2nd Place	Behavioral/Social Sciences	Fiskness	Carly	Rhoades	8	Hunker	Effects of Peer Pressure on Recall
2nd Place	Behavioral/Social Sciences	Gaston	Maya	Soille S.D.Hebrew Day	8	Bessler	Reaction Time
2nd Place	Behavioral/Social Sciences	He	Yuhan (Gary)	Mesa Verde Middle	7	Bird	Reducing Food Waste in Mesa Verde MS
2nd Place	Behavioral/Social Sciences	Hogan	Kiley	Rhoades	8	Hunker	On Task: Student Persistence in Public vs. Private Environments
2nd Place	Behavioral/Social Sciences	Houk	Michael	Rhoades	7	Hunker	The Effects of Motion on Inattentive Blindness
2nd Place	Behavioral/Social Sciences	House	Savanna	Saint John School	8	Heins	Does The Human Eye Think?
2nd Place	Behavioral/Social Sciences	Kunin-ur	Taylor	Grant	7	Baldwin	Pay Attention
2nd Place	Behavioral/Social Sciences	Levy	Dahlia	Soille S.D.Hebrew Day	8	Bessler	The Power of Suggestion
2nd Place	Behavioral/Social Sciences	Lucey	Conner	Rhoades	8	Hunker	Comparing Recall of Numeric vs. Alphanumeric Sequences
2nd Place	Behavioral/Social Sciences	Mai	Stacy	De Portola Middle	8	Bridges	How Birth Order Affects Personalities
2nd Place	Behavioral/Social Sciences	Palmer	Isabella	Saint John School	7	Heins	What's Creepy?
2nd Place	Behavioral/Social Sciences	Petree	Brennan	Wilson Jr High	7	Shiffer	A Study of Gender Response to Frustration
2nd Place	Behavioral/Social Sciences	Silvester	Olivia	Rhoades	7	Hunker	Investigating the Influence of Positive Mood on Recall
2nd Place	Behavioral/Social Sciences	Taitano	Dylan	St. Peter the Apostle	8	Jones	Eye Witness Testimony: Does the Gender Affect the Accuracy of an Eyewitness?

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2nd Place	Behavioral/Social Sciences	Telfer	Caryn	Rhoades	7	Hunker	Can Photographs Enhance Recall of Unrelated Written Information?
2nd Place	Behavioral/Social Sciences	Wilborn	Anna	De Portola Middle	8	Bridges	The Effects of Social Media on Emotional Intelligence
2nd Place	Behavioral/Social Sciences	Wilson	Halle	St. Didacus	8	Blickenstaff	Good Lux Reading
3rd Place	Behavioral/Social Sciences	Aparicio	Mario	Castle Park Middle		Rains	
3rd Place	Behavioral/Social Sciences	Arredondo	Jesus	Eastlake Middle		Martinez	
3rd Place	Behavioral/Social Sciences	Bendo	Christian	St. Michaels Academy	7	Brown	Ambiguous Illusions
3rd Place	Behavioral/Social Sciences	Bilal	Haniyah	Islamic School of SD	8	Alkhawaja	Does Priming Affect Student Performance?
3rd Place	Behavioral/Social Sciences	Breise	Jordan	The Children's School	8	Brown	Will They Look?
3rd Place	Behavioral/Social Sciences	Calderon	Grace	S. D. Jewish Academy	8	Deveau	Think Fast
3rd Place	Behavioral/Social Sciences	Cleveland	Aviel	Soille S.D.Hebrew Day	8	Bessler	Distracted Driving
3rd Place	Behavioral/Social Sciences	Corpuz	Marianne	St. Michael Academy	7	Brown	Electronic vs Paper
3rd Place	Behavioral/Social Sciences	Dominguez	Clara	St. Joseph Academy	7	Rice	Memory Mnemonics
3rd Place	Behavioral/Social Sciences	Enciso	Juan	St. Didacus	8	Blickenstaff	Fit or Fad?
3rd Place	Behavioral/Social Sciences	Hickey	Helena	Wangenheim Middle	8	Madsen	How Reliable is the Eyewitness Testimony?
3rd Place	Behavioral/Social Sciences	Kaplan	Yosef	Soille S.D.Hebrew Day	8	Bessler	Music The Workout Changer

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3rd Place	Behavioral/Social Sciences	Liebman	Ahuvah	Soille S.D.Hebrew Day	8	Bessler	Does Violence Affect Your Moral Judgement?
3rd Place	Behavioral/Social Sciences	Nguyen	Madeline	St. Francis	7	Warren	Music, Color, and Your Mood
3rd Place	Behavioral/Social Sciences	Paul	Mia	St. Joseph Academy	7	Hanson	Eye Hear the Sequence
3rd Place	Behavioral/Social Sciences	Perez	Pamela	St. Didacus	7	Blickenstaff	The Importance of Popularity
3rd Place	Behavioral/Social Sciences	Rocha	Diego	Our Lady of Guadalupe	8	Chew-Pina	How Fast Can People Read With Accuracy?
3rd Place	Behavioral/Social Sciences	Scelfo	Victoria	St. Gregory the Great	7	Ryan	Memory and Activity
3rd Place	Behavioral/Social Sciences	Segev	Tomer	Soille S.D.Hebrew Day	8	Bessler	Who's Afraid of Spiders?
3rd Place	Behavioral/Social Sciences	Silva	Sofia	Stella Maris Academy	7	Klubberud	Can Smell Enhance Memory?
3rd Place	Behavioral/Social Sciences	Simble	Michaela	S. D. Jewish Academy		Deveau	
3rd Place	Behavioral/Social Sciences	Singer	Max	Soille S.D.Hebrew Day	8	Bessler	Tasty Colors
3rd Place	Behavioral/Social Sciences	Tabalon	Jasmine	Bonita Vista Middle		Shimasaki	
3rd Place	Behavioral/Social Sciences	Tyson	Faith	All Hallows	7	Lambert	Look, Listen & Learn?
3rd Place	Behavioral/Social Sciences	Wechsler	Harrison	Soille S.D.Hebrew Day	8	Bessler	May I Have Your Attention Please?
4th Place	Behavioral/Social Sciences	Bendo	Danika	St. Michaels Academy	8	Brown	Screen vs Printed Tests: Which Affects Retention the Most?
4th Place	Behavioral/Social Sciences	Cleveland	Nathan	Soille S.D.Hebrew Day	8	Bessler	Will You Press The Button?

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4th Place	Behavioral/Social Sciences	Dominguez	Maria	St. Therese	8	Beavers	What Effect Does Color Have on Readability?
4th Place	Behavioral/Social Sciences	Macary	Pamela	St. John of the Cross	8	Krumm	How many people my age have an eating disorder?
4th Place	Behavioral/Social Sciences	Mohamed	Amal	Harriet Tubman Village Charter	7	Sharif	Can Color Affect a Person's Perception?
4th Place	Behavioral/Social Sciences	Perez	Maria	St. Didacus	8	Blickenstaff	Taste Buds
4th Place	Behavioral/Social Sciences	Valenzuela	Daniel	St. Joseph Academy	7	Hanson	Sports Psychology
4th Place	Behavioral/Social Sciences	Ward	Grace	The Childrens School	8	Brown	Has Computer Typing Changed Standards for Spelling?
1st Place	Biochemistry	Czerniak	Lael	St. Gregory the Great	7	Ryan	Meat Mystery
1st Place	Biochemistry	Delgado	Catherine	Wangenheim Middle	8	Madsen	Does the Presence of Food in the Stomach Affect How Fast Iron Dissolves?
1st Place	Biochemistry	Gan	Jessie	S.D. Jewish Academy	8	Deveau	Natural Antioxidant and Nano-Antioxidant Effects Against Oxidative Stress
2nd Place	Biochemistry	Cutler	Brady	St. Joseph Academy	7	Hanson	Which Popular Soda is the Most Corrosive to Teeth?
2nd Place	Biochemistry	Figuroa	Alan	Oak Grove Middle	7	Shorr	One Bad Apple Spoils the Whole Batch
2nd Place	Biochemistry	Forsuth	Rosalia	Wangenheim Middle	8	Madsen	How Much Energy is Stored in Energy Bars?
2nd Place	Biochemistry	McArdle	Heidi	Saint John School	8	Heins	Plant DNA Extraction
2nd Place	Biochemistry	Ong	Ryan	Wangenheim Middle	8	Madsen	Do Numbers of Bananas Affect the Rate of Ripening?
2nd Place	Biochemistry	Reynolds	Madeline	St. Mary Star of Sea	7	Englund	How Temperature Affects Enzymes

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3rd Place	Biochemistry	Agarma	Maleah	Good Shepherd	8	McNeil	Stop Drinking Sugar
3rd Place	Biochemistry	Biese	Paul	St. Joseph Academy	7	Hanson	MSG: Is it Harmful?
3rd Place	Biochemistry	Bixel	Lauren	St. Didacus	7	Blickenstaff	Gross Globbs of Gluten!
3rd Place	Biochemistry	Brant	Autumn	Mt. Helix Academy	7	Cohen	What Can Keep Apples from Turning Brown?
3rd Place	Biochemistry	Kubczak	Megan	Saint John School	8	Heins	Electrolytes
3rd Place	Biochemistry	Mitchell	Annabelle	Classical Conversations	8	Mitchell	Nutritional Benefit of Organic Oranges
3rd Place	Biochemistry	Nguyen	Sophia	Good Shepherd	8	McNeil	How Many Sugars are in Your Smoothie?
3rd Place	Biochemistry	Occhialini	Stella	St. Didacus	7	Blickenstaff	Milk and Egg Substitutes
3rd Place	Biochemistry	Riel	Jacqueline	Good Shepherd	7	McNeil	Smelling Colors
3rd Place	Biochemistry	Riodique	Angelo	St. Michael Academy	7	Brown	The Effect Of Enzymes Added To Laundry Detergents
3rd Place	Biochemistry	Salzar	Thomas	Saint John School	7	Heins	Soda Corrosiveness Towards Teeth
3rd Place	Biochemistry	Shiffer	Nathaniel	Wilson Jr High	7	Shiffer	Got Volt?
4th Place	Biochemistry	Almazan	Isabella	Castle Park Middle		Rains	
4th Place	Biochemistry	Becker	Roger	St. Didacus	8	Blickenstaff	Milk Spoilage
4th Place	Biochemistry	Franco	Ricardo	St. John of the Cross	8	Krumm	A Device to Identify DNA

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4th Place	Biochemistry	Hirsch	Jillian	St. Columba		Lunn	
4th Place	Biochemistry	Hovland	Alexis	St. Pius X	7	Doyle	Will the Color of an Egg Yolk Change?
1st Place	Chemistry	Awad	Reem	Islamic School of SD	8	Alkhawaja	Would You Like a Side of Water With All That Oil?
1st Place	Chemistry	Eldegwy	Omar	Islamic School of SD	8	Alkhawaja	How to: Itch Proof Detergent
1st Place	Chemistry	Kennedy	Lauren	St. Columba	7	Lunn	Plastic into Milk
1st Place	Chemistry	Tran	Kathy	Wangenheim Middle	8	Madsen	What Type of Insulating Material Keeps Ice From Melting Best?
1st Place	Chemistry	Wahamaki	Noah	Chula Vista Middle	8	Fee	Does pH Affect How Fast Ice Melts?
1st Place	Chemistry	Walsh	Dakota	St. Mary Star of Sea	8	Englund	Stains? No Problem!
2nd Place	Chemistry	Audiss	Nathan	St. Didacus	8	Blickenstaff	No Flame No Gain
2nd Place	Chemistry	Castorena	Mayn	De Portola	8	Bridges	What is the Best Temperature for Luminol?
2nd Place	Chemistry	Kazmi	Musab	Islamic School of SD	8	Alkhawaja	Accessible Graffiti Removal Techniques
2nd Place	Chemistry	Monzon	Justin	Rancho Del Rey Middle	8	Castillo	Electrolysis of Water
2nd Place	Chemistry	Naguit	Dominic	St. Joseph Academy	8	Rice	The Invisible Force of Magnetism
2nd Place	Chemistry	Oliveros	Viviana	St. Rose of Lima	7	Urbiztondo	Ceramics are Stronger Than You Think!
2nd Place	Chemistry	Pingol	Anna	St. Rita's	8	Rice	Do Shape and pH Affect the Melting Rate of Ice?

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2nd Place	Chemistry	Shim	Kyubo	St. Didacus	7	Blickenstaff	Different Rates of Dissolution
2nd Place	Chemistry	Walrath	James	Nazareth	7	Reed	Composting...Which Type of Container is Best?
3rd Place	Chemistry	Downey	Leonardo	Sacred Heart (Coronado)	7	Twomey	UV Reaction Rate
3rd Place	Chemistry	Elshafie	Fayza	Islamic School of SD	8	Alkhawaja	Making Organic Lip Balm
3rd Place	Chemistry	Jordan	Timothy	St. Pius X	8	Doyle	Chill Out
3rd Place	Chemistry	Littlejohn	Lauren	Santa Fe Christian	7	Culley	The Effect of Lactase in Regular vs. Lactose-free Milk
3rd Place	Chemistry	Martinez	Talisa	Corfman/McCabe School	7	Gibson	A Slimy Situation: The Science Behind Slime
3rd Place	Chemistry	Nicoli	Juliette	Stella Maris Academy	7	Klubberud	What the best materials to grow crystals?
3rd Place	Chemistry	Rasheed	Lamia	Corfman/McCabe School	7	Gibson	Rocketology
3rd Place	Chemistry	Young	Ryan	Mt. Helix Academy	8	Cohen	Does Fabric Softener Affect the Rate that Fabric Burns at?
3rd Place	Chemistry						
4th Place	Chemistry	Carcamo	Carol	National City Middle	7	Lualhati	ph Stimulation
4th Place	Chemistry	Collis	Makenzie	St. Mary Star of Sea	7	Englund	Blood Spatter
4th Place	Chemistry	Teran Martija	Ana Victoria	St. Didacus	7	Blickenstaff	How Does Static Electricity Affect Hair?
1st Place	Computer Science	Kim	Elliott	Marshall Middle	8	Gillum	Enabling Tactile Sense Based Communication

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1st Place	Computer Science	Soliman	Ziyad	Islamic School of SD	7	Nassereddin	Train that Brain
2nd Place	Computer Science	Abts	Emily	St. Gregory the Great	7	Ryan	No More Dead Zones!
2nd Place	Computer Science	Al-Delaimy	Ayoob	Islamic School of SD	7	Naserleddin	Help Grandpa
2nd Place	Computer Science	Imran	Muhammadsha heer	Islamic School of SD	8	Naserleddin	Statistical Prediction of Heart Disease Using Machine Learning
2nd Place	Computer Science	Memon	Suha	Islamic School of SD	7	Naserleddin	Student and Teacher Communication
3rd Place	Computer Science	Abdi	Saalim	Islamic School of SD	7	Naserleddin	Easy Business
3rd Place	Computer Science	Minimo	John Paul	National City Middle	8	Smith	Blast Processing!!
3rd Place	Computer Science	Saenz	Brandon	St. Rose of Lima	7	Urbiztondo	Broomba
1st Place	Consumer Sciences/Product	Buendia	Alexander	Good Shepherd	8	McNeil	What is the Best Material to Prevent a Concussion?
1st Place	Consumer Sciences/Product	Danowsky	Jake	Rhoades	7	Hunker	Effectiveness of Commercial Netting in Preventing Soil Erosion
1st Place	Consumer Sciences/Product	DeGuzman	Alexander	St. Rose of Lima	8	Urbiztondo	Solar Cell Power Output vs. Light Intensity & Temperature
1st Place	Consumer Sciences/Product	Hobbib	Krista	Marshall Middle	8	Gillum	Pucker Up: Putting Long-Lasting Lipstick to the Test
1st Place	Consumer Sciences/Product	Horsley	Finn	Rhoades	8	Hunker	Investigating the Efficacy of Popular Ski Waxes
1st Place	Consumer Sciences/Product	Kovarik	Colin	Rincon Middle	7	Hunker	Comparing EMF Emission of Common Household Appliances
1st Place	Consumer Sciences/Product	Omran	Elina	Islamic School of SD	7	Nasserdelen	Types of Threads

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1st Place	Consumer Sciences/Product	Polanco	Calista	St. Rose of Lima	8	Urbiztondo	Intake Mistake
1st Place	Consumer Sciences/Product	Siddiqah	Fatimah	Islamic School of SD	8	Naserleddin	Spray and Weigh that Acid Rain
1st Place	Consumer Sciences/Product						
2nd Place	Consumer Sciences/Product	Ahmed	Qurat	Islamic School of SD	7	Alkhawaja	How to Prevent Soggy Sandwiches by Using Different Wrapping Methods
2nd Place	Consumer Sciences/Product	Burton	Kyle	Nazareth	7	Reed	What Baseball Wristguard Design is Most Protective?
2nd Place	Consumer Sciences/Product	Hawkins	Ian	St. Peter the Apostle	8	Jones	Science Fair Tires Me Out
2nd Place	Consumer Sciences/Product	Huracha	Yamila	Sacred Heart (Coronado)	7	Barlett	Bath Bomb Effervescence
2nd Place	Consumer Sciences/Product	Joelson	Zachary	Rhoades	7	Hunker	Better Bounce: Wilson vs Spalding Basketballs
2nd Place	Consumer Sciences/Product	Kisir	Sophia	Nazareth	7	Reed	Bottle Water? Purified or Natural Source-Is there a difference
2nd Place	Consumer Sciences/Product	Masangya	Kayla	St. Rose of Lima	8	Urbiztondo	Water Purification
2nd Place	Consumer Sciences/Product	Miret	Santiago	St. Rose of Lima	8	Urbiztondo	Is Your Country's Food Safe?
2nd Place	Consumer Sciences/Product	Nagtalon	Kenneth	St. Michael Academy	8	Brown	"Childproof" Containers
2nd Place	Consumer Sciences/Product	Nelson	D.J.	Rhoades		Hunker	
2nd Place	Consumer Sciences/Product	Nguyen	Kassidy	St. Didacus	7	Blickenstaff	What Happened to my Apple?
2nd Place	Consumer Sciences/Product	Nolan	Declan	St. Peter the Apostle	7	Jones	Rising Prices

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2nd Place	Consumer Sciences/Product	Olson	Annie	Classical Conversations	8	Schmidtler	Follow the Bouncing Ball: A Tennis Experiment
2nd Place	Consumer Sciences/Product	Palmer	Lauren	Rhoades	7	Hunker	Mercury in Mascara?
2nd Place	Consumer Sciences/Product	Soltero	Francisco	All Hallows	7	Lambert	What's Blocking Wi-Fi
3rd Place	Consumer Sciences/Product	Cameron	Sandy	Rhoades	7	Hunker	Are All Cookie Sheets Created Equal?
3rd Place	Consumer Sciences/Product	Clevenger	Noah	Oak Grove Middle	7	Shorr	Two Stroke vs Four Stroke
3rd Place	Consumer Sciences/Product	Crain	Jacob	St. Peter the Apostle	8	Jones	Arrow-Dynamics
3rd Place	Consumer Sciences/Product	Cruz	Rebeca	Chula Vista Middle	8	Saclauso Caro	The Reality of pH Level in Commercial Bottled Water
3rd Place	Consumer Sciences/Product	Hernandez	Caroline	Nazareth	7	Reed	Which Mascara is Most Waterproof?
3rd Place	Consumer Sciences/Product	Land	Gabrielle	Nazareth	7	Reed	Which over-the-counter lactase tablets create the most acidity?
3rd Place	Consumer Sciences/Product	Maloney	Sean	St. Mary's Escondido	8	Martinez	Is Your Food Really Safe?
3rd Place	Consumer Sciences/Product	Mateo-Torres	Jose	St. Peter the Apostle	7	Jones	Organic: Worth the Cost?
3rd Place	Consumer Sciences/Product	Muradagha	Nada	Islamic School of SD	7	Al Khawaja	Is All Nail Polish Water Permeable?
3rd Place	Consumer Sciences/Product	Renda	Wesley	St. Didacus	8	Blickenstaff	Which Golf Ball Goes the Farthest?
4th Place	Consumer Sciences/Product	Weckmann	Xavier	Wangenheim Middle	8	Madsen	Which Brand of Baseball Bat Has the Largest Sweet Spot?
1st Place	Earth and Planetary Sciences	Flores	Larissa	Barbara Worth Middle	8	Calip	Pond Life Vs. Nanosilver

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1st Place	Earth and Planetary Sciences	Smith	Akayah	City Tree Christian	7	Lucas	Water vs Land
1st Place	Earth and Planetary Sciences	Tran	Valerie	Wangenheim Middle	8	Madsen	How Does pH of Acidified Seawater Affect the Mass of Clam Shells?
2nd Place	Earth and Planetary Sciences	Megow	Amelia	City Tree Christian	7	Lucas	Shake it up!
2nd Place	Earth and Planetary Sciences	Pham	Gabriel	Nazareth	7	Reed	Which Dog Beach Water is Cleaner? OB or Fiesta Island?
3rd Place	Earth and Planetary Sciences	Meziere	Donald	St. Mary's Escondido	7	Martinez	Radiation
Engineering - Electrical and Mechanical							
1st Place	Engineering - Electrical and Mechanical	Altamirano	Gabriel	Notre Dame Academy	8	Lopatka	Can You See Me Now? The Science Behind Infrared Sensors
1st Place	Engineering - Electrical and Mechanical	Amanullah	Yusuf	Islamic School of SD	8	Naserelddin	A Novel Shower-Usage Monitoring System that Promotes Water Conservation
1st Place	Engineering - Electrical and Mechanical	Bennett	Evan	Santa Fe Christian	7	Culley	Trebuchet: Maximizing Distance
1st Place	Engineering - Electrical and Mechanical	Castaneda	Gabriel	St. Didacus	7	Blickenstaff	Dynamo Discoveries
1st Place	Engineering - Electrical and Mechanical	Goldberg	Zachary	Mt. Helix Academy	8	Cohen	Trebuchet: The Counterweight: Payload Ratio
1st Place	Engineering - Electrical and Mechanical	Huynh	Ethan	St. Michaels School SD	7	Brown	Best Fan Blade Angle
1st Place	Engineering - Electrical and Mechanical	Kamran	Izzah	Islamic School of SD	8	Naser	Solar Roller: An Efficient Solar Device
1st Place	Engineering - Electrical and Mechanical	Luciani	Daniella	Saint John School	7	Heins	Light Tracking Robot
1st Place	Engineering - Electrical and Mechanical	Pabari	Raj	Coastal Academy	7	Biernacki	AquaGuard: Arduino-Powered Smart Water Sensor (Internet of Things Device)
1st Place	Engineering - Electrical and Mechanical	Reilly	Lauren	St. Rose of Lima	8	Urbiztondo	On Course: A New Device for Backstroke Efficiency

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
1st Place	Engineering - Electrical and Mechanical	Singer	Ryan	Mt. Helix Academy	8	Cohen	3D Printing: Strength of ABS vs. PLA
2nd Place	Engineering - Electrical and Mechanical	Armstrong	Samantha	Saint John School	7	Heins	What is the Best Type of Structure to Survive an Earthquake?
2nd Place	Engineering - Electrical and Mechanical	Coy	Eric	St. Mary's Escondido	7	Martinez	Electronic Mouse Trap (Which One Works?)
2nd Place	Engineering - Electrical and Mechanical	Doan	Madison	St. Joseph's Academy	8	Rice	Radio Waves and Electricity
2nd Place	Engineering - Electrical and Mechanical	Escudero	Nelson	St. Mary Star of Sea	7	Englund	Testing Different Conveyor Belts on a Van De Graaff Genetator
2nd Place	Engineering - Electrical and Mechanical	Hernandez	Noah	St. Gregory the Great	7	Ryan	The Kick Kick Trials
2nd Place	Engineering - Electrical and Mechanical	Hightower	Jack	St. Columba	7	Lunn	What Type of Bridge Can Support the Most Wait?
2nd Place	Engineering - Electrical and Mechanical	Mendoza	Josue	Barbara Worth Middle	7	Soto	Which Material Makes The Electrical Conductor For Tesla Coil?
2nd Place	Engineering - Electrical and Mechanical	Prentice	Mitchell	Nazareth	7	Reed	Higher is Brighter
2nd Place	Engineering - Electrical and Mechanical	Thange	Hamza	Islamic School of SD	8	Alkhawaja	Making Solar Panels More Efiicient
3rd Place	Engineering - Electrical and Mechanical	Butler	Sirenity	National City Middle	7	Lualhati	All Terrain Robots
3rd Place	Engineering - Electrical and Mechanical	Campos	Christian	Wilson Jr Hi	7	Shiffer	Rubberband Driven Fly Wheel
3rd Place	Engineering - Electrical and Mechanical	Cu	Mark	St. Rose of Lima	7	Urbiztondo	Wi-Findings
3rd Place	Engineering - Electrical and Mechanical	Hansen	Olivia	Saint John School	7	Heins	How Does Drag Affect A Swimmer?
3rd Place	Engineering - Electrical and Mechanical	Joseph	Nathan	St. Mary Star of Sea	7	Englund	The Energy Produced by Different Sized Wind Turbine Blades

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
3rd Place	Engineering - Electrical and Mechanical	Lopez	Jacob	Grant Middle Schoo	8	Baldwin	Does Tire Type Influence an Actual Vehicles Driving Performance???
3rd Place	Engineering - Electrical and Mechanical	Narcy	Nicholas	St. Mary's Escondido	8	Martinez	Do Right Save Light
3rd Place	Engineering - Electrical and Mechanical	Reyes	Dominika	Wilson Jr Hi	7	Shiffer	Photovoltaic Module Circuit Connection Parallel and Series Arrangement
3rd Place	Engineering - Electrical and Mechanical	Rhee	Lucas	St. Didacus	7	Blickenstaff	Battery Life
3rd Place	Engineering - Electrical and Mechanical	Sun	Cheng Chen	Children's Creative and	8	Chai	Solar Cell
4th Place	Engineering - Electrical and Mechanical	Giammarinaro	Mia	St. Francis	8	Warren	Arduino J2534
4th Place	Engineering - Electrical and Mechanical	Loza	Madelin	Corfman/McCabe School	7	Gibson	Solar Robot
Engineering - Energy and Transport							
1st Place	Engineering - Energy and Transport	Eckmann	Peter	Stella Maris Academy	8	Klubberud	Airfoil Optimization by Applying Evolutionary Algorithms to Computational Fluid Dynamics
1st Place	Engineering - Energy and Transport	Fowler	Lou	The Children's School	7	Brown	Wind Power: The Effect of Angle of Attack, Length of Blades, and Number of Blades on a
1st Place	Engineering - Energy and Transport	Hall	Marcus	Mt. Everest Academy	8	Tran	Hydro-Electric Turbofans
1st Place	Engineering - Energy and Transport	Preston	Shaun	Escondido Christian School	7	DeLucia	Riding On Air, The Hovercraft
1st Place	Engineering - Energy and Transport	Scurry	Blake	Marshall Middle	7	Gillum	The Need for Speed: Optimum Angle of Attacks for Airfoil
1st Place	Engineering - Energy and Transport	Velarde	Sofia	St. Gregory the Great	7	Ryan	Which 3-D Wheel could operate most efficiently on Mars?
1st Place	Engineering - Energy and Transport	Wesseln	Kyle	Notre Dame Academy	8	Lopatka	Blade Design and Its Effect on Wind Turbine Production
2nd Place	Engineering - Energy and Transport	Bemaras	Samuel	Soille S.D.Hebrew Day	8	Bessler	Earthquakes

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
2nd Place	Engineering - Energy and Transport	DiPaolo	Joe	St. Didacus	8	Blickenstaff	Up, Up and Away
2nd Place	Engineering - Energy and Transport	LaBelle	Benjamin	Chula Vista Middle	8	Fee	The Effect of Wind Turbine Design on Electricity Production
2nd Place	Engineering - Energy and Transport	Lorenzo	Sharlene	Wangenheim Middle	8	Madsen	What is the Effect of Rocket Nose Shape on Air Time?
2nd Place	Engineering - Energy and Transport	Martinez	Nicholas	St. Mary Star of Sea	7	Englund	Solar Power: Cloudy vs. Sunny
2nd Place	Engineering - Energy and Transport	Shimabukuro	Benjamin	Mt. Everest Academy	8	Negus	How Quickly Will Different Liquids Freeze?
2nd Place	Engineering - Energy and Transport	Toy	Ryan	St. Michaels School SD	7	McHale	Stealthy Shapes
2nd Place	Engineering - Energy and Transport	Zakar	Ashton	Notre Dame Academy	7	Lopatka	The Placement of a Micro-Turbine and Its Ability to Generate Power
3rd Place	Engineering - Energy and Transport	Aly	Yasser	Islamic School of SD	8	Naserleddin	Can Evaporated Water Become Electricity
3rd Place	Engineering - Energy and Transport	Chavez	Isabella	Sacred Heart (Coronado)	8	Twomey	How To Transport Water Well
3rd Place	Engineering - Energy and Transport	Coons	Benjamin	Santa Fe Christian	7	Cully	Solar Furnace
3rd Place	Engineering - Energy and Transport	Garcia	Elizabeth	St. Rose of Lima	8	Urbiztondo	The Limiting Agents of a Solar Panel
3rd Place	Engineering - Energy and Transport	Le	Steven	Wangenheim Middle	8	Madsen	Does the Angle of Solar Panels Affect Its Efficiency?
3rd Place	Engineering - Energy and Transport	Luansing	Kehn Mondee	Wangenheim Middle	8	Madsen	Does The Chord Width Affect An Airplane Propeller's Efficiency?
3rd Place	Engineering - Energy and Transport	Marquez	Ashley	Chula Vista Middle	8	Fee	Using Wind Energy to Charge a Phone
3rd Place	Engineering - Energy and Transport	Martinez	Matthew	St. Mary Star of Sea	8	Englund	Which Paper Airplane Flies Best?

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
3rd Place	Engineering - Energy and Transport	Romo	Damian	Castle Park Middle	7	Dillon	Solar Powered Farming Vehicle
3rd Place	Engineering - Energy and Transport	Truong	Jasmine	Wangenheim Middle	8	Madsen	Do Blade Angle and Shape on a Wind Turbine Affect Energy Generation?
3rd Place	Engineering - Energy and Transport						
4th Place	Engineering - Energy and Transport	Allen	Henry	St. Mary Star of Sea	8	Englund	How the Humidor Affects the Baseball
4th Place	Engineering - Energy and Transport	Klimsak	John	St. Pius X	7	Doyle	Can you Cook a Hotdog with Sunlight and a Parabola?
Engineering - Materials and Bioengineering							
1st Place	Engineering - Materials and Bioengineering	Baccay	Neil	St. Michael Academy	7	Brown	Strongest Slab!
1st Place	Engineering - Materials and Bioengineering	Boren	Alex	School of Madeleine	8	Herreweyers	Fantastic Plastic
1st Place	Engineering - Materials and Bioengineering	Fabian, Fernandez	Arlyn, Haley	Rancho Del Rey Middle	8	Castillo	Fog Catchers
1st Place	Engineering - Materials and Bioengineering	Flynn	Maille	All Hallows	7	Lambert	It's Too Loud In Here! Testing Materials For Soundproofing
1st Place	Engineering - Materials and Bioengineering	Larson Moreno	Seney	St. Didacus	8	Blickenstaff	When It Rains, It Drains, Best Additives for Permeable Concrete
1st Place	Engineering - Materials and Bioengineering	Pierce	Theodore	Nazareth	7	Reed	Carbon Composite or Steel: Which Resists Strain Better?
1st Place	Engineering - Materials and Bioengineering	Rachlin	Abraham	St. Rose of Lima	8	Urbiztondo	Lims of the Future: 3D Printed Legs
1st Place	Engineering - Materials and Bioengineering	Sun	Raymond	Wangenheim Middle	8	Madsen	Does the Thickness of the Viscoelastic Layer Affect Constrained-Layer Damping
2nd Place	Engineering - Materials and Bioengineering	Bodenhamer	Tyler	De Portola Middle	7	Bridges	The Study of Seismic Control of Buildings During an Earthquake
2nd Place	Engineering - Materials and Bioengineering	Cohen	Akiva	Soille S.D.Hebrew Day	8	Bessler	Building Bridges

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
2nd Place	Engineering - Materials and Bioengineering	Dehaini	Hamza	Islamic School of SD	8	Naser	The Toughest Tower
2nd Place	Engineering - Materials and Bioengineering	Macavinta	Chelsea	Good Shepherd	8	McNeil	Building Tool to Discover the Field Forensics
2nd Place	Engineering - Materials and Bioengineering	Morsi	Nadeen	Islamic School of SD	7	Naserelddin	Shaping the Future with Micro-Powders
2nd Place	Engineering - Materials and Bioengineering	Moryosef	Hadassah	Soille S.D.Hebrew Day	8	Bessler	Tsunamis
2nd Place	Engineering - Materials and Bioengineering	Shim	Jun	Notre Dame Academy	8	Lopatka	The Effect of Strategic Cleat Placement on Athletic Hose and Its Ability to reduce ACL injury
2nd Place	Engineering - Materials and Bioengineering	Titcomb	Jake	Saint John School	8	Heins	The Sound of Silence
3rd Place	Engineering - Materials and Bioengineering	Armas	Lindsey	St. Michael Academy	7	Brown	How Does different temperatures affect a magnet strength.
3rd Place	Engineering - Materials and Bioengineering	Chizhik	Aaron	Mt. Everest Academy	8	Negus	The Hills Are Alive with the Sound of Watermelon!
3rd Place	Engineering - Materials and Bioengineering	Prentice	Ethan	Nazareth	7	Reed	Do City Codes Provide Fire Safety As Prescribed
3rd Place	Engineering - Materials and Bioengineering	Soriano	Rachelle	Wangenheim Middle	8	Madsen	What Materials Work Best for Blocking Sound?
3rd Place	Engineering - Materials and Bioengineering	Toumi	Ayoub	Islamic School of SD	8	Naser	Roof Materials Vs. Temperature
4th Place	Engineering - Materials and Bioengineering	Pham	Leah	Good Shepherd		McNeil	
4th Place	Engineering - Materials and Bioengineering	Radovanovic	Alexa	St. Mary Star of Sea	7	Englund	Water Filtration
4th Place	Engineering - Materials and Bioengineering	Sadr	Nika	The Children's School	8	Brown	Mic Tape Magic the Solution to All Your Mic Tape Problems
4th Place	Engineering - Materials and Bioengineering	Wang	Ingrid	De Portola Middle	8	Bridges	Can Fruit Batteries Be a New Source of Energy

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
1st Place	Environmental Science and Management	Chougle	Sadaf	Islamic School of SD	7	Alkhawaja	How Does Trash Effect the Oxygen Levels in Water
1st Place	Environmental Science and Management	Kuang	Andrew	Carmel Valley Middle	7	McVay	Cilantro as a Heavy Metal Biosorbent
1st Place	Environmental Science and Management	Matlaga	Jonathan	St. Mary Star of Sea	8	Englund	Ignis Planta
1st Place	Environmental Science and Management	Pate	Bethani	Rhoades	7	Hunker	Investigating Levels of Bacteria in Sand at Oceanside Beach
1st Place	Environmental Science and Management	Schneider	Collin	Rhoades	7	Hunker	Investigating Bacteria Levels in La Jolla Cove Recreational Waters
1st Place	Environmental Science and Management	Shi	Emily	The Cambridge School	8	Gingrich	Microscopic Study of Torrey Pine Needles for Moisture Condensation
1st Place	Environmental Science and Management	Telfer	Corey	Rhoades	8	Hunker	Investigating Water Quality at Cardiff Beach
1st Place	Environmental Science and Management	Weston	Scott	Rhoades	7	Hunker	Effects of Food Sources on Nutrient Levels of Vermicompost
2nd Place	Environmental Science and Management	Alfonso	Ryan	St. Rose of Lima	7	Urbiztondo	Reducing Water Evaporation
2nd Place	Environmental Science and Management	Badea	Megan	Eastlake Middle	8	Martinez	Bees Vs. Mold
2nd Place	Environmental Science and Management	Bounyavong	Brooke	Wangenheim Middle	8	Madsen	Which Absorbent Material is Most Effective at Absorbing Oil?
2nd Place	Environmental Science and Management	Ceballos	Sofia	St. Rose of Lima	7	Urbiztondo	Careless water
2nd Place	Environmental Science and Management	Cochran	Michael	Corfman/McCabe School - El	7	Gibson	The Science of Substrates
2nd Place	Environmental Science and Management	Findley	Allison	All Hallows	7	Lambert	Collecting Dew: Finding the Best Way
2nd Place	Environmental Science and Management	Gerlach	Daniel	Rhoades	7	Hunker	Effects of Air Freshener Compounds on Plant Health

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
2nd Place	Environmental Science and Management	Goswami	Marissa	Rhoades	7	Hunker	Investigating the Effects of Insecticides on Artemis Salina
2nd Place	Environmental Science and Management	Jacobson	Emily	De Portola Middle	8	Bridges	Plastic Bags
2nd Place	Environmental Science and Management	Kwon	Emily	St. Pius X	8	Doyle	From Ocean Water to "Drinkable" - DIY Reverse Osmosis Water Filter
2nd Place	Environmental Science and Management	MacGaffey	Nicole	Bonita Vista Middle	7	Cardenas	Can You Water Your Grass with Grey Water?
2nd Place	Environmental Science and Management	Martenson	Eloise	Santa Fe Christian	7	Culley	Vigorous Green Growing to be Seen
2nd Place	Environmental Science and Management	Nelson	Tanner	Oak Grove Middle	7	Shorr	Don't Go Towards The Light
2nd Place	Environmental Science and Management	Ordonio	Kaitlin	St. Joseph Academy	8	Rice	The Engineers of Ecosystems
2nd Place	Environmental Science and Management	Toledo	Isabelle-Lizbeth	Chula Vista Middle	8	Saclauso Caro	The Effect of Clothes Dryer Temperature on Material Shrinkage
2nd Place	Environmental Science and Management	Vargas	Audrey	National City Middle	8	Smith	Wind Power
2nd Place	Environmental Science and Management	Viruete	Rachel	St. Rose of Lima	7	Urbiztondo	Comparing Plant Growth: Check Out This Dirt!
3rd Place	Environmental Science and Management	Bueno	Esther	Chula Vista Middle	8	Saclauso Caro	The Effect of Fabric Types on Heat Absorbance Time
3rd Place	Environmental Science and Management	Cajes	Elie	Bonita Vista Middle	7	Cardenas	Can Plants Prevent Soil Erosion?
3rd Place	Environmental Science and Management	Carrillo	Matthew	Pius X	8	Doyle	Graywater
3rd Place	Environmental Science and Management	Daluz	Nina	St. Didacus	8	Blickenstaff	Testing Water Acidity
3rd Place	Environmental Science and Management	De La Cruz	Josephina	Chula Vista Middle	8	Fee	Bioplastic Degradation

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
3rd Place	Environmental Science and Management	Fuster	Lukas	Stella Maris Academy	8	Klubberud	Can Soil Absorb Car Exhaust Pollution?
3rd Place	Environmental Science and Management	Ganzon	Angelo	St. Joseph Academy	7	Rice	Homemade Water Filtration System
3rd Place	Environmental Science and Management	Hable	Jake	St. Didacus	8	Blickenstaff	Safe and Sound
3rd Place	Environmental Science and Management	Iwai	Malia	Wangenheim Middle	8	Madsen	What Materials are Best to Clarify Contaminated Water?
3rd Place	Environmental Science and Management	Lozach	Killian	San Diego French Acad		Jacoway	Coral with Calcium Hydroxide
3rd Place	Environmental Science and Management	Pham	Andrew	Wangenheim Middle	8	Madsen	What Vehicle(s) Can Produce the Most CO ₂ ?
3rd Place	Environmental Science and Management	Pregardier	Sophia	St. Mary Star of Sea	8	Englund	Lawn irrigation with grey water
3rd Place	Environmental Science and Management	Rhodes	Rebecca	Santa Fe Christian	7	Culley	Oh! Zone
3rd Place	Environmental Science and Management	Soberon	Monica	Sacred Heart (Coronado)	7	Barlett	Is Bottled Water Worth the Environmental Cost?
3rd Place	Environmental Science and Management	Stephenson	Orion	Bonita Vista Middle	7	Shimasaki	The Effect of Different Soaps on the Growth of Plants
4th Place	Environmental Science and Management	Henderson	Ashley	Wangenheim Middle	8	Madsen	What Water Saving Projects Will Decrease in a Household?
4th Place	Environmental Science and Management	Newton	Brianna	St. Didacus	8	Blickenstaff	What's in Your Water?
1st Place	Mathematical Sciences	Do	Kevin	Grant Middle School	8	Baldwin	Predicting Sport Outcomes: Pythagorean Expectation
2nd Place	Mathematical Sciences	Nunes	Diego	Bonita Vista Middle	7	Stell	The Best Shape for Dice

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
1st Place	Medicine and Health Sciences	Adams	Charlotte	Santa Fe Christian	7	Culley	Tuesday Is Lime Green
1st Place	Medicine and Health Sciences	Anderson	Eliza	St. Didacus	7	Blickenstaff	The Inheritance of Fingerprint Patterns
1st Place	Medicine and Health Sciences	Cook	Sean	Rhoades	8	Hunker	Are Caps on Medication Bottles Really Child-proof?
1st Place	Medicine and Health Sciences	Lifset	Jude	Rhoades	7	Hunker	Reducing Hot Water to Safe Drinking Temperatures Using Phase Change Materials
1st Place	Medicine and Health Sciences	Ventrpragada	Vaishnavi	Marshall Middle	8	Gillum	Ethnicity Based Hypertension in Children
1st Place	Medicine and Health Sciences	West	Xavier	Harriet Tubman Village Charter		Sharif	
1st Place	Medicine and Health Sciences	Zhang	Charlotte	Carmel Valley Middle	8	McCabe	
2nd Place	Medicine and Health Sciences	Abdi	Miski	Harriet Tubman Village Charter		Sharif	
2nd Place	Medicine and Health Sciences	Bose	Saurav	Rhoades	8	Hunker	Effects of Fatigue on Anaerobic Activitiy
2nd Place	Medicine and Health Sciences	Branson	Kelsey	All Hallows	7	Lambert	Teen Drinks: Teeth Stainers or Brightners
2nd Place	Medicine and Health Sciences	Brewer	Kayla	Rhoades	7	Hunker	Turn It Down! Measuring Decibel Tolerances in Children
2nd Place	Medicine and Health Sciences	Clardy	Megan	Santa Fe Christian	7	Culley	Music Matters
2nd Place	Medicine and Health Sciences	Discar	Isabella	Classical Conversations		Quileza	
2nd Place	Medicine and Health Sciences	Franssens	Brooke	Nazareth	7	Reed	Is Sensitivity Heightened On Your Dominant Side?
2nd Place	Medicine and Health Sciences	Haagensen	Annika	Notre Dame Academy	7	Lopatka	Blood Clot or Not?

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
2nd Place	Medicine and Health Sciences	Jamaledin	Duaa	National University	7	Dillard	Are Fingerprint Patterns Inherited?
2nd Place	Medicine and Health Sciences	Mahjouri	Sammy	Rhoades	7	Hunker	Measuring Conductivity of Dental Implants: Zirconia vs. Titanium
2nd Place	Medicine and Health Sciences	O'Keeffe	Fiona	Notre Dame Academy	7	Lopatka	What is the Perfect Ballerina Body?
2nd Place	Medicine and Health Sciences	Ramirez	Ana	St. John of the Cross	8	Krumm	Distinguishing Organic Foods
2nd Place	Medicine and Health Sciences	Renas	Caroline	Grant Middle School	7	Tyson	Breathe In, Breathe Out: The Effects of Meditation on Wind Musicians
2nd Place	Medicine and Health Sciences	Subramaniam	Skandhaa	Mesa Verde Middle	7	Bird	Factors Associated with Childhood and Adolescent Obesity
2nd Place	Medicine and Health Sciences	Vitug	Gabriel	St. Columba	7	Lunn	The Tooth Hurts
2nd Place	Medicine and Health Sciences	Wieczorek	Brianne	Stella Maris Academy	7	Moreau	What is the Most Effective Sunscreen?
3rd Place	Medicine and Health Sciences	Adams	Mia	All Hallows	7	Lambert	Can You Roll Your Tongue?
3rd Place	Medicine and Health Sciences	Akinaga	Joseph	St. Francis	7	Warren	Which is worse for your teeth, diet or regular soda?
3rd Place	Medicine and Health Sciences	Bartsch	Alexandra	De Portola Middle	8	Bridges	Oh How Sweet It Is!
3rd Place	Medicine and Health Sciences	Buckley	Isabella	Sacred Heart (Coronado)	8	Bartlett	Simply Snacking
3rd Place	Medicine and Health Sciences	Chazin	Tianne	Rhoades	7	Hunker	Variations in Color Perception Acuity in Children
3rd Place	Medicine and Health Sciences	Eggleton	Thomas	Mt. Helix Academy	7	Cohe	Trick or Treat
3rd Place	Medicine and Health Sciences	Fuson	Megan	Nazareth	7	Reed	Does Soccer Headgear Prevent Concussions?

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
3rd Place	Medicine and Health Sciences	Klein	Elisha	Soille S.D.Hebrew Day	8	Bessler	Effect of Sleep on Athletic Performance
3rd Place	Medicine and Health Sciences	Sanchez	Nina	Santa Fe Christian		Culley	How Does Stress Affect The Body?
3rd Place	Medicine and Health Sciences	Simi	Paola	St. Michael's Sch - Poway	7	McHale	To a Sunscreen or Not to Sunscreen: That is the Question
3rd Place	Medicine and Health Sciences	Territo	Giovanna	St. Michael's Sch - Poway	7	McHale	Science vs. Nature
3rd Place	Medicine and Health Sciences	Towne	Bella	Saint John School	7	Heins	Is Sunscreen a Scam or Does It Actually Protect Skin from UV Light?
4th Place	Medicine and Health Sciences	Carpenter	Miguel	St. Rose of Lima	7	Urbiztondo	Testing Olfactory Fatigue in Varied Healthy Subjects
4th Place	Medicine and Health Sciences	Modregon	Raymond	Discovery Charter School	8	Peterson	Cast Cool
4th Place	Medicine and Health Sciences	Piatek	Angeline	St. Didacus	7	Blickenstaff	Blood Thinning
4th Place	Medicine and Health Sciences	Rosas	Antonio	National City Middle		Smith	Miracle Tone Usage
1st Place	Microbiology	Hirst	Isabella	Rhoades	7	Hunker	Buyer Beware: Comparison of Bacterial Contamination in Store Bought vs. Online Jeans
1st Place	Microbiology	Narayana Murthy	Adhithi	Marshall Middle	7	Gillum	The Effect of Ayurvedic Plants on Bacterial Growth
1st Place	Microbiology	Ordas	Calista	De Portola Middle	8	Bridges	How Dirty Are Our Phones?
1st Place	Microbiology	Roscoe	Logan	De Portola Middle	8	Bridges	Handy Bacteria
1st Place	Microbiology	Sosa	Mauricio	Harriet Tubman Village Charter	7	Sharif	Can Microorganisams Convert Carbon into Oxygen

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
1st Place	Microbiology	Wiley	Kaylie	Rhoades	7	Hunker	Antimicrobial Properties of Essential Oils
2nd Place	Microbiology	Alcalay	Alex	St. Rose of Lima	8	Urbiztondo	The Biometric Problem
2nd Place	Microbiology	Blue	Vivian	Rhoades	7	Hunker	Can Water Bottle Materials Impact Bacterial Growth?
2nd Place	Microbiology	Elmore	Matthew	St. Joseph Academy	7	Rice	No More Yuck on Those Soda Cans
2nd Place	Microbiology	McGrattan	Kelsey	St. Gregory the Great	7	Ryan	Human vs. Dog - Who Gets It Cleaner?
2nd Place	Microbiology	Roberts	Sarah	Wangenheim Middle	8	Madsen	Can Applying Different Temperatures to Strawberries Prevent Mold Growth?
2nd Place	Microbiology	Walker	Emily	Nazareth	7	Reed	How does varying light exposure effect the bioluminescence of dinoflagellates
2nd Place	Microbiology	Winter	Katherine	Chula Vista Middle	8	Fee	Lime Juice: A Comparison of Sanitizing Solutions
3rd Place	Microbiology	Alford	Ella	All Hallows	7	Lambert	Bacteria Growth...GROSS!
3rd Place	Microbiology	Belay	Naomi	St. Didacus	7	Blickenstaff	Does Hand Sanitizer Work?
3rd Place	Microbiology	Favila	Valeria	St. Michael Academy	7	Brown	Effect of Temperature on the Production of CO2 in Sucrose and Yeast
3rd Place	Microbiology	Guiniling	Jonrey	Wangenheim Middle	8	Madsen	Can Silver Nanoparticles Effect E. Coli Bacteria?
3rd Place	Microbiology	Hernandez	Mario	St. John of the Cross	8	Krumm	Does Mouthwash Kill 99% of Bacteria
3rd Place	Microbiology	Pajimola	Joshua	St. Didacus	7	Blickenstaff	Bleach Alternatives vs. Commercial Bleach
3rd Place	Microbiology	Stehly	Emma	St. Joseph Academy	8	Rice	What is the Best Toothbrush Disinfectant

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
1st Place	Physics and Astronomy	Butler	Manny	All Hallows	7	Lambert	The Mpemba Effect in Other Household Liquids
1st Place	Physics and Astronomy	Byrnes	Aidan	Rhoades	7	Hunker	Avian Dangers: Developing Devices for the Prevention of Bird Strike
1st Place	Physics and Astronomy	Catanzaro	Francisco	Pacific Beach Middle	8	Potter	Detecting Gopher Tunnels Using Ground Penetrating Radar
1st Place	Physics and Astronomy	McCormick	William	Rhoades	7	Hunker	Measuring Electromagnetic Fields at Local Power Transmission Towers
1st Place	Physics and Astronomy	McKinney	Veronica	Good Shepherd	8	McNeil	A Dielectric's Effect on Capacitance
1st Place	Physics and Astronomy	Temprendola	Teresa	St. Columba	7	Lunn	Should I Put a Lid on It?
1st Place	Physics and Astronomy	Usman	Yusuf	Islamic School of SD	8	Nasereldin	How To: Breaking The Fire Barrier
1st Place	Physics and Astronomy	Vijayakumar	Vivek	San Elijo Middle	8	Phillips	A Comparison of the Properties of Planetary Nebulae
2nd Place	Physics and Astronomy	Aquino	Christian	Good Shepherd		McNeil	Two-Stage Water Filtration Unit
2nd Place	Physics and Astronomy	Buford	Dhaamin	Rancho Del Rey Middle	8	Castillo	Radiation Experimentation: A Star Wars Quote Proven True
2nd Place	Physics and Astronomy	Dome	Ethan	Bonita Vista Middle	7	Shimasaki	Where is the Center of the Milky Way Galaxy?
2nd Place	Physics and Astronomy	Goldberg	Nathan	Mt. Helix Academy	8	Cohen	Does Hot Water Freeze Faster than Cold Water?
2nd Place	Physics and Astronomy	Malone	Sahala	Carlton Hills		Ducharme	
2nd Place	Physics and Astronomy	McKone-Sweet	Maya	St. Michaels School SD		McHale	Catapult-It
2nd Place	Physics and Astronomy	McMahon	Austin	Saint John School	7	Heins	How the Strength of a Magnet Varies With Temperature

2017 Junior Division Place Awards List by Category

Place Award	Category	Last Name	First Name	School	Grade Level	Teacher/ Advisor	Project Title
2nd Place	Physics and Astronomy	Noel	Karina	Marshall Middle	8	Gillum	Water Bottle Flip Physics
2nd Place	Physics and Astronomy	Norell	Magnus	Oak Grove Middle	7	Shorr	It's Going with Heat
2nd Place	Physics and Astronomy	Reed	Sara - Marie	Marshall Middle	8	Gillum	The Physics and Acoustics of Softball
2nd Place	Physics and Astronomy	Schneider	Kathryn	St. Michael's Schl - Poway	7	Poling	Water Rockets: Changing A Future of Spacecraft Models
2nd Place	Physics and Astronomy	Warner	Garrett	Rhoades	7	Hunker	Enhancing Wi-Fi Performance: Router Location vs. Extenders
2nd Place	Physics and Astronomy	Wyborney	Kyle	St. Didacus	8	Blickenstaff	Play Ball!
3rd Place	Physics and Astronomy	Abbott	Celesta	Oak Grove Middle	7	Shorr	Ready, set, CAST!
3rd Place	Physics and Astronomy	Backlin	Ben	Rhoades	7	Hunker	Effects of Wind Control of a Parrot Quadcopter
3rd Place	Physics and Astronomy	Bell	Jovani	Chula Vista Middle	8	Saclauso-Caro	The Effect of Tee Height on Shot Distance
3rd Place	Physics and Astronomy	Bick	Garrett	St. Mary Star of Sea	7	Englund	Pneumatic Potato Gun
3rd Place	Physics and Astronomy	Cady	Alexis	Mt. Helix Academy	7	Cohen	At Which Pressure (Pa) Will a Volleyball Bounce Highest?
3rd Place	Physics and Astronomy	David	Tristan	National City Middle	7	Lualhati	Magnets and Loudness of Sound
3rd Place	Physics and Astronomy	Gambale	Elliot	Saint John School	7	Heins	Car Crash Barrier
3rd Place	Physics and Astronomy	Kerney	Gia	Good Shepherd	7	McNeil	H2O: How to Operate Energy
3rd Place	Physics and Astronomy	Kikkawa	Claire	Santa Fe Christian	7	Culley	Effect of heat on rubber bands

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3rd Place	Physics and Astronomy	Macias	Erika	De Portola	8	Bridges	How to make a Piano Sing
3rd Place	Physics and Astronomy	Mapel	Joshua	Wangenheim Middle	8	Madsen	Does a Corked Bat Hit Farther Than a Regulation Bat?
3rd Place	Physics and Astronomy	McGehee	Jeffrie	Sacred Heart (Coronado)	7	Twomey	Does the Temperature of the Golf Ball Affect the Golf Ball's Ability to Bounce?
3rd Place	Physics and Astronomy	Nguyen	Jonathan	Wangenheim Middle	8	Madsen	How Many Coins Can Different Boat Shapes Hold
3rd Place	Physics and Astronomy	Roelofsz	Garrett	De Portola	8	Bridges	The Amazing Sound Proof Box of Science
3rd Place	Physics and Astronomy	Watters	Liam	Grant Middle Schoo	8	Baldwin	Old versus new: which baseball bat vibrates more?
4th Place	Physics and Astronomy	Llevares	Marianne	St. Michael Academy	8	Brown	Will It Generate?
4th Place	Physics and Astronomy	Marrujo	Gabriel	St. Didacus	7	Blickenstaff	Biomechanics of Pitching
4th Place	Physics and Astronomy	Sherwood	Miranda	St. Mary Star of Sea	8	Englund	Does the Strength of a Magnet Vary with Temperature
1st Place	Plant Sciences	Estrada	Isabella	St. Michael Academy	8	Brown	The Effect of Elevated Levels of CO2 On Plant Growth
1st Place	Plant Sciences	Hansen	Amanda	Saint John School	7	Heins	Effects of Sunscreen on the Ocean's Red Macroalgae
1st Place	Plant Sciences	Mahmood	Umair	Rhoades	7	Hunker	Flammability Properties of Native and Non-Native Landscape Plants
1st Place	Plant Sciences	Martinez	Nicolas	St. Mary Star of Sea	8	Englund	Which Do Plants Prefer - Eggshells, Coffee, or Both?
1st Place	Plant Sciences	Rodgers	Mason	Corfman/McCabe School	7	Gibson	Effect of different forces of Water on the Growth Rate of Wheat

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1st Place	Plant Sciences	Schwarz	Trevor	Oak Grove Middle	7	Shorr	Grow with the Flow
1st Place	Plant Sciences	Toscano	Nicholas	St. Didacus	7	Blickenstaff	Acid Rain and Aquatic Plants
1st Place	Plant Sciences	Watts	Maggie	Rhoades	7	Hunker	Comparing Impacts of Different Hydroponic Methods on Plant Growth
2nd Place	Plant Sciences	Adato	Avishai	Soille S.D.Hebrew Day	8	Bessler	The Effect of Pesticides on Plant Growth
2nd Place	Plant Sciences	Casillas	Itzel	St. Rose of Lima	7	Urbiztondo	Production of Energy Through the Process of Photosynthesis
2nd Place	Plant Sciences	Dullea	Michael	St. Rose of Lima	8	Urbiztondo	Will Dirty H2O Make Your Vegetables Grow?
2nd Place	Plant Sciences	Estudillo	Antonio	St. Didacus	7	Blickenstaff	Hydroponic Systems
2nd Place	Plant Sciences	French	Brenna	School of Madeleine	8	Herreweyers	Flora, Fauna, Radish Sprout Phenomena
2nd Place	Plant Sciences	Horn	Jacob	Soille S.D.Hebrew Day	8	Bessler	Illumination Duration Alteration Narration On Vegetation
2nd Place	Plant Sciences	Luzi	Nicholas	St. Joseph Academy	7	Hanson	Battle of the Ponics
2nd Place	Plant Sciences	Manalo	Richard	St. Rose of Lima	8	Urbiztondo	Stationary vs. Rotational, Vertical Hydroponics
2nd Place	Plant Sciences	Obispo	Zuriel	St. Michael Academy	8	Brown	Colored Light in the Production of Chlorophyll
2nd Place	Plant Sciences	Oliver	Eliana	Stella Maris Academy	8	Klubberud	Pesticides: Homemade vs. Commercial
2nd Place	Plant Sciences	Yamamoto-Hill	Katie	St. Pius X	7	Doyle	Sunflowers Without a Sun
3rd Place	Plant Sciences	Agonoy	Matthew	St. Michael Academy	7	Brown	The Effects of Eggshells and Used Coffee Grounds on Radish Growth

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3rd Place	Plant Sciences	Beresford	Alejandra	Stella Maris Academy	8	Klubberud	A Greener Thumb
3rd Place	Plant Sciences	Brzezinski	Szymon	Soille S.D.Hebrew Day	8	Bessler	Is Greywater Better than Water?
3rd Place	Plant Sciences	Castronovo	Frankie	All Hallows	7	Lambert	Do Human Growth Hormones Affect the Growth Rate of Basil?
3rd Place	Plant Sciences	Cayabyab	Joann	St. Didacus	7	Blickenstaff	Juiciest Oranges
3rd Place	Plant Sciences	Elmer	Timothy	St. Joseph Academy	8	Rice	Hydroponics vs. Soil
3rd Place	Plant Sciences	Fudge	Sophia	St. Didacus	7	Blickenstaff	Daily Grass Watering
3rd Place	Plant Sciences	Gomez	Carlos	St. Michael Academy	7	Brown	The Effect of Light Wavelength on Plant Growth
3rd Place	Plant Sciences	Lis	Samuel	Sacred Heart (Coronado)	7	Bartlett	Grafting Tomatoes and Peppers
3rd Place	Plant Sciences	Mark	Gabriela	Mt. Helix Academy	8	Cohen	How Does Microwave Radiation Affect Plants?
3rd Place	Plant Sciences	Morales	Laura	St. Michael Academy	7	Brown	What is the Effect of Nitrogen on Plant Growth?
3rd Place	Plant Sciences	Nieves	Patrick	St. Rose of Lima	7	Urbiztondo	Don't Waste That Waste
3rd Place	Plant Sciences	Persichilli	Sophia	St. Didacus	8	Blickenstaff	Best Recycled Water for Plant Growth
3rd Place	Plant Sciences	Shaw	Leya	S. D. Jewish Academy	8	Deveau	Comparison of growth of grass plugs (<i>Stenotaphrum secundatum</i>) grown under either
3rd Place	Plant Sciences	Vizcaino	Victoria	Sacred Heart (Coronado)	8	Twomey	Garbage Plants
3rd Place	Plant Sciences	Walls	Samuel	City Tree Christian	7	Lucas	I Wet My Plants

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4th Place	Plant Sciences	Alchalel	Rosie	S. D. Jewish Academy	8	Deveau	Organic Vs. Nonorganic
4th Place	Plant Sciences	De Los Santos	Loren Joy	Good Shepherd	8	McNeil	Recycling Greywater
4th Place	Plant Sciences	Elmer	Lindsay	St. Joseph Academy	7	Hanson	Too Healthy Tomatoes?
4th Place	Plant Sciences	Gonzalez-Hughes	Diego	St. Mary Star of Sea	8	Englund	Testing Best Crop-Growing Practices: Fertilizers and Yield Outcome
4th Place	Plant Sciences	Ramirez	Lucia	Sacred Heart (Coronado)	8	Marlene	Does Nitrogen Help Plants Grow More Than Supplemental Carbon Dioxide?