

**Miami-Dade County Public Schools
Department of Mathematics and Science**

60th Annual South Florida Regional Science and Engineering Fair Results

Competition Date: January 25, 2014

Award Ceremony Date: February 8th, 2014

Location: Miami Dace College – North Campus
11380 NW 27th Avenue
Miami, FI 33167

School	Title	First Name 1	Last Name 1	Grade 1	First Name 2	Last Name 2	Grade 2	Placement Award	Special	Special	Special	SSEF Finalist
Academy For Int'L Education Ch	Swimmer Vs Regular	Kevin	Carrion	7				Honorable Mention				
Academy For Int'L Education Ch	Finding The Absolute Zero!	William	Castro	7				Honorable Mention				
Academy For Int'L Education Ch	Disappearing Colors	Luca	Francese	6				Honorable Mention				
Academy For Int'L Education Ch	Candy Mints Really Cool Water Temperature	Dean	Hagler-Jaen	7				Honorable Mention				
Academy For Int'L Education Ch	Fruity Fresh	Alexandra	Luis	6				Honorable Mention				
Academy For Int'L Education Ch	Bugs Be Gone!	Jason	Madonna	6				Honorable Mention				
Academy For Int'L Education Ch	How Does The Amount of Bleach in Water Affect The Plant Growth of Radishes?	Jerlencia	Mcnabb	7				Honorable Mention				
Academy For Int'L Education Ch	Happy Birthday to Us	Gabriel	Perez	7				Honorable Mention				
Academy For Int'L Education Ch	spli into science	Natalia	Rodriguez	6				Honorable Mention				
Academy For Int'L Education Ch	Fire Proof or Fire Fake	Alexander	Saumell	6				Honorable Mention				
Academy For Int'L Education Ch	The Best Fuel Option	Joshua	Suarez	6				Honorable Mention				
Ada Merritt K-8 Center	Veganized	Laura Ximena	Dergal	7				Excellent				
Ada Merritt K-8 Center	Are Chihuahuas Scent-Sational?	Victoria	Heijn	7				Excellent				
Ada Merritt K-8 Center	Furious Tsunami	Thaissa	Laux	7				Honorable Mention				
Archimedean Conservatory	It's a Bug's Life	David	Bowley	7				Honorable Mention				
Archimedean Conservatory	Mini Greenhouses	Shria	Bucha	6				Excellent				

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Archimedean Conservatory	Do All Liquids Evaporate at the Same Rate?	Melissa	Canales	7				Honorable Mention				
Archimedean Conservatory	Which tooth brush creates the best bristlebot?	Samuel	Castillo	6				Excellent				
Archimedean Conservatory	Frozen Rocks	Georgia	De Loza	6				Honorable Mention				
Archimedean Conservatory	Flowers	Angela	Diaz	7				Honorable Mention				
Archimedean Conservatory	Electromagent Vs. Temperature	Sergio	Diaz	7				Excellent				
Archimedean Conservatory	The war of the eyes and the ears	Aston	Lowe	6				Excellent			US Naval Academy	
Archimedean Conservatory	Practice Makes Perfect	Andrew	Moak	6				Honorable Mention			US Army	
Archimedean Conservatory	Effects of urine of Tomato Seedlings	Dmitri	Morales	6				Superior		Broadcom Masters		
Archimedean Conservatory	Solar Tower	Alejandro	Paneque	7				Honorable Mention				
Archimedean Conservatory	Understanding the effects of air pressure in a soccer ball	Ioanis	Philippakos	6				Superior		Broadcom Masters		
Archimedean Conservatory	Today's Menu/ Solar Cooker	Victor	Ramirez	7				Honorable Mention				
Archimedean Conservatory	Desalinating with the Sun	Sabrina	Vazquez	8				Honorable Mention			US Army	
Archimedean Conservatory	Tilting a Catapult to Maximize Distance	Adam	Vignau	6				Excellent				

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Archimedean Upper Conserv Char	Quantifying Biofuel and Purification Attributes of Chlamydomonas reinhardtii and Botryococcus braunii in South Florida's Water Sources	Vaidya	Govindarajan	10				Superior	Genius Olympiad	NOAA	SJWP	SSEF
Archimedean Upper Conserv Char	Analyzing the Negations of Eleven-Crossing Knots	Antonio	Menarde	11				Superior	Mu Alpha Theta			
Archimedean Upper Conserv Char	Cathepsin K Knockout Attenuates Starvation-Induced Liver Damage in Mice	Danielle	Obando	11				Superior	Society for In Vitro Biology			SSEF
Archimedean Upper Conserv Char	Broadening the spectrum of research of seaweed debris in beach systems by using molecular source tracking to investigate fecal contaminants in the Florida Keys	Aditya	Shetty	12				Superior	Fairchild Tropical Botanical Gardens HS			SSEF
Arvida Middle School	THE EFFECT OF DIFFERENT AMOUNTS OF BAY LAUREL LEAF EXTRACT ON WEED GROWTH RATE.	NOELIA	AMADO	8				Superior	Fairchild Tropical Botanical Gardens MS	Broadcom Masters		

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Arvida Middle School	THE EFFECT OF OIL ON AQUATIC PLANT DEVELOPMENT	MARIO	CALVO	8				Honorable Mention				
Arvida Middle School	THE EFFECT OF WIND ON PLANT GROWTH	Alexandra	Conroy	8	Marianna	Colol	8	Excellent				
Arvida Middle School	THE EFFECT OF WIRE THICKNESS ON MOVEMENT OF ELECTRICTY	HANNAH	FORBES	8	ANDREA	VALDIVIA	8	Excellent				
Arvida Middle School	THE EFFECT OF SEED ORIENTATION ON THE DIRECTION OF ROOT GROWTH IN CORN SEEDS.	NICOLAS	GUERRA	8				Honorable Mention				
Arvida Middle School	THE EFFECT OF COLORED LIGHT ON CATERPILLAR DEVELOPMENT	Crystin	Mueller	8	Nathalie	Fehrenbach	8	Excellent				
Arvida Middle School	THE EFFECT ON PLANTING CONTAINER MATERIAL ON PLANT GROWTH RATE	DESIREE	PICO	8				Excellent				
Arvida Middle School	THE EFFECT OF TEMPERATURE ON CONDUCTIVITY AND RESISTANCE	ANREA	POZO	8				Honorable Mention				
Arvida Middle School	THE EFFECT OF SALINITY ON BRINE SHRIMP DEVELOPMENT	Valentina	Quintero	8				Honorable Mention				

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Arvida Middle School	THE EFFECT OF WATER ON WOOD DECOMPOSITION	CAMERON	TAVAKOLY	8	MATTHEW	CALLE	8	Excellent				
Aventura City Of Excellence	Radioactive Grass	Ilana	Berliavsky	7				Excellent				
Aventura City Of Excellence	Taste and Texture	Gabrielle	Bolano	7	Daniela	Gonzalez	7	Honorable Mention				
Aventura City Of Excellence	Watery Lights	Gabriel	Concha	8				Honorable Mention				
Aventura City Of Excellence	Motivate Me	Mackenzie	Dillon	7	Mayrav	Lapidot	7	Excellent				
Aventura City Of Excellence	Glue Wars	Mark	Huzenman	7	Eric	Perczek	7	Honorable Mention				
Aventura City Of Excellence	Light vs. Regular	Taylor	Mendez	7				Excellent				
Aventura City Of Excellence	Weed Spray Catastrophe	Scott	Pollowitz	6				Honorable Mention				
Aventura City Of Excellence	Diving Sounds: How Water Reacts	Rhiannen	Reig	7				Excellent				
Aventura City Of Excellence	Memory Maddness	Rebecca	Sands	7	Alana	Tarlow	7	Honorable Mention				
Aventura City Of Excellence	Don't Judge Me	Jamie	Schwartz	6	Annette	Ospino	6	Honorable Mention				
Aventura City Of Excellence	How Close Are We?	Brittany	Steinfeld	8	Spencer	Steinfeld	8	Excellent				
Aventura City Of Excellence	Fruity Fingers	Devyn	Verzura	7				Excellent				
Aventura City Of Excellence	Ready, Set, Hover!	Svetlana	Vikhlyantseva	7				Superior		Broadcom Masters		
Aventura City Of Excellence	You Got New Sunglasses, Are you protected?	Hilly	Yehoshua	7				Superior		Broadcom Masters		
Aventura City Of Excellence	Selling for The Cause	Shai	Zachar	7	Kevin	Foo	7	Honorable Mention				

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Aventura Waterways K-8 Center	Fixed or Rotating Solar Panels?	Michael	Bregar	6				Superior		Broadcom Masters		
Aventura Waterways K-8 Center	The Great Water Escape	Samoni	Griffin	8				Honorable Mention				
Aventura Waterways K-8 Center	To Burn or Not to Burn	Kaitlyn	Guise	8				Excellent				
Aventura Waterways K-8 Center	Comparing Suturing and Stapling in Coronary Bypass Grafting Anastomosis	Ethan	Levy	6				Superior		Broadcom Masters		SSEF
Aventura Waterways K-8 Center	Earthquake Resisting Structures	Zeynep	Waheed	6				Honorable Mention				
Barbara Goleman Senior High	The effects of acid rain on germination of different seeds	Roger	Larsson	9	John	Luna	9	Honorable Mention				
Blessed Trinity	The Short Term Effects of Bicycling on the Recovery Rate of a Human Heart.	Carlos	Fox	7	Garrett	Kelly	7	Excellent				
Blessed Trinity	The Effect of the External Temperature on the Internal Temperature of the Human Body.	Gabriel	Galleno	7	Sebastian	Valdes-Denis	7	Honorable Mention				
Blessed Trinity	Do Whitening Toothpastes Really Work?	Alyssa	Martinez	7	Devin	Sidd	7	Excellent				

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Blessed Trinity	Can The Brainwaves Generated By Thoughts and Emitted By The Mirror Neurons Move a Humanoid Robotic Arm?	Daniela	Rodriguez	8				Superior		Broadcom Masters		SSEF
Blessed Trinity	Heart of Emotions	Valerie	Rodriguez	7	Silvia	Meyer	7	Honorable Mention				
Bob Graham Education Ctr	Amount of Time Gasoline Brands Lasted.	Melissa	Rodco	8				Excellent				
Bob Graham Education Ctr	Rad Radishes	Michael	Tobar	7				Excellent				
Bob Graham Education Ctr	Heat and Evaporation	Dominque	Yanez	6				Honorable Mention				
Booker T. Washington Sr. High	The Effects of Seltzer Water on Seed Germination	Sebastian	Cordero	10	Joancy	Medina	10	Honorable Mention	E-SCRAP Laptop			
Bowman Ashe/Doolin K-8 Acad	Lights! Plants! Grow!	Angello	Furigay	7				Excellent				
Bowman Ashe/Doolin K-8 Acad	Blood Clotting to the Rescue!	Jennifer	Portilla	6				Honorable Mention				
Bowman Ashe/Doolin K-8 Acad	The Sound Absorbers	Eusebio	Salgado	8				Honorable Mention				
Brownsville Middle	Does Gender Play a Role in Memory Skills?	Roberto	Oliva	8				Superior	E-SCRAP PC			
Brownsville Middle	Battle Of The Germ Killers	Shacoria	Swinton	7	Ricky	McKnight	7	Excellent				
Carol City Middle	BOMB IN A BAG	Nia	Seymour	8				Honorable Mention				

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Coconut Palm K-8 Academy	Do plants grow better with distilled water or tap water?	Brayan	Dulzaides	7				Honorable Mention				
Coconut Palm K-8 Academy	The Proof Is In The Prints	Martha	Horta	8				Honorable Mention				
Coconut Palm K-8 Academy	Materials that can and cannot dissolve in water	Ulises	Montoya	7				Honorable Mention				
Coconut Palm K-8 Academy	Why does cloth shrink?	Solange	Recio	7				Honorable Mention				
Columbus SHS	What are the Benefits of Green Roofs Compared to Traditional Roofs	Christian	Capper	10				Excellent	I-SWEEEP			
Columbus SHS	Long-Tailed Macaques (Macaca fascicularis) and Their Ability to Judge Relative Quantities	Tomas	de las Casas	10				Excellent				
Columbus SHS	Effect of Colorant on Lake Water Transparency and Dissolved Oxygen Concentration	Patrick	Gatcliffe	10				Excellent	UM-RSMAS Carthe Award			
Columbus SHS	Disinfecting Wipes vs Saline Wipes	Mathieu	Gomez	10				Excellent				
Columbus SHS	Linear Magnetic Gauss Rifle	Sebastian	Planas	10				Superior				
Columbus SHS	Two Transistor Ternary Random Access Memory	Simon	Tsaoussis	10				Superior	ASM Material Education Foundation	Intel Excellence in Computer Science Award	US Naval Academy	SSEF
Coral Gables Preparatory Acad	Wind Power To Recharge Batteries	Mark	Diaz-De-Celis	7				Honorable Mention				

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Coral Gables Preparatory Acad	PH Drinks	Aiko	Puerto	6				Honorable Mention				
Coral Reef Senior High	Echinoidea Gastrulation: The effects of lithium chloride and beta-catenin-responsive transcription inhibitor on <i>Lytechinus variegatus</i> embryonic gastrulation	Oliver	Hall	12				Superior				
Coral Reef Senior High	Effects of Contralateral Masking on High-Rate Late Latency Auditory Evoked Potentials	Kshitij	Kulkarni	11				Honorable Mention				
Coral Way K-8 Center	The Effects of Static Electricity	Victoria	Fernandez	7				Honorable Mention				
Coral Way K-8 Center	Hot or Cold?	Alicia	Vandama	7				Honorable Mention				
Cushman School	Sail Power	Maxwell	Blum	8				Excellent				
Cushman School	Moody Weather	Kurt	Carlson	8				Honorable Mention				
Cutler Ridge Middle	The effect of different temperatures on balloons.	Orly	Cintron	7				Honorable Mention				
Cutler Ridge Middle	The effect of temperatures on different types of batteries.	Leslie	Duran	7				Honorable Mention				
Cutler Ridge Middle	The effect of liquids on coins.	Daniel	Echerri	7				Honorable Mention				

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Cutler Ridge Middle	How Permanent are Permanent Markers	Noah	Frye	7				Honorable Mention				
Cutler Ridge Middle	Coins Into Liquids	Shantal	Gutierrez	7				Honorable Mention				
Cutler Ridge Middle	The effect of fin shape on swimmer's speed.	Hailey	Jerew	7				Honorable Mention				
Cutler Ridge Middle	The effect of household liquids on coins.	Ariel	Lawrence	7				Honorable Mention				
Cutler Ridge Middle	Here Comes the Heat	Karlee	Marin	6				Honorable Mention				
Cutler Ridge Middle	Electrolysis of Water	Erik	Martinez	6				Honorable Mention				
Cutler Ridge Middle	Rock Candy	Stephanie	Mesa	7				Honorable Mention				
Cutler Ridge Middle	The effect of different cleaning solutions on metals.	Naiomi	Saavedra	7				Honorable Mention				
Cutler Ridge Middle	It's a Solar System	Nathalia	Suarez	6				Honorable Mention				
Cutler Ridge Middle	The effect of carbon dioxide on sound.	George	Tavolara	7				Honorable Mention				
Cutler Ridge Middle	Aluminum versus Wooden Bat	Paul	Tirado	7				Honorable Mention				
Cutler Ridge Middle	The effect of different types of coins on different types of liquids.	Lara	Villanueva	7				Honorable Mention				
Devon Aire K-8 Center	The Beat of Life	Lauren	Arribas	8				Honorable Mention				
Devon Aire K-8 Center	Super Soakers	Jenna	Bostick	8				Honorable Mention				
Devon Aire K-8 Center	Which Source for the Course?	Wyatt	Engelmann	8				Honorable Mention				

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Devon Aire K-8 Center	Does Baking Soda Attenuate the Effects of Acid Rain on Plnat Growth?	Abdiel	Martinez	8				Honorable Mention				
Devon Aire K-8 Center	Weed Control Using Bay Laurel Leaves.	Katherine	Rodriguez	8				Excellent				
Devon Aire K-8 Center	Effect of Nutrients on Tomato Plants Growing Hydroponically	Sai	Talampally	8				Superior				
Devon Aire K-8 Center	Return of the Toxicity	Cristina	Vale	8	Andrew	Bailey	8	Honorable Mention				
Doctors Charter/Miami Shores	how do plants grow in different environments?	Daniela	Florindez	7	christy	sanchez	7	Excellent				
Doctors Charter/Miami Shores	Grasping Straws	Victor	Rafael	7				Superior		Broadcom Masters		
Doctors Charter/Miami Shores	Arctic Melt	Anna	Rogers	8				Excellent	American Meteorology Society			
Doctors Charter/Miami Shores	Let's Grow (M)old Together	Regina	Tamayo	10				Excellent				
Doctors Charter/Miami Shores	How does the flow of water affect plant growth?	Willa	Tom	6				Honorable Mention				
Dorothy M Wallace Cope Center	Unique, Flawless and Beautiful	Everna	Cherisier	12	Yasmin	Mosley	12	Honorable Mention				
Dorothy M Wallace Cope Center	Blood Typing Personalities	Chantise	Ellison	12				Honorable Mention	NAACP Special Award			
Dorothy M Wallace Cope Center	Musical Memory	Chanel	Jones	11				Honorable Mention	E-SCRAP Laptop			

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Dorothy M Wallace Cope Center	Teenage Pregnancy...Why does it Happen?	Jenny	Pleites	12				Honorable Mention				
Dorothy M Wallace Cope Center	Toys for Tots	Ashante	Williams	11	Wendy	Garcia	10	Honorable Mention				
Dr Michael M Krop Senior High	Durability of Continuous Subcutaneous Insulin Infusion Patch Adhesive	Maya	Levy	9				Superior			US Naval Academy	SSEF
Dr Michael M Krop Senior High	The Effect of Type I Neuregulin 1 Expression on Type III Neuregulin 1 Back-Signaling in Neuroblastoma Cells: Does increased expression of Type I Neuregulin 1 contribute to symptoms of schizophrenia?	Jamie	Odzer	12				Superior				SSEF
Ernest R Graham K-8 Center	Effects of Crosswinds on Bridge Design	Pedro	Acosta	8				Honorable Mention				
Ernest R Graham K-8 Center	Electrolytes Challenge	Lucia	Chang	6				Excellent				
Ernest R Graham K-8 Center	Calorimeter Bomb	Maryah	Mena	8				Superior		Broadcom Masters		
Ernest R Graham K-8 Center	Effect of Different Liquids on Plan Growth	Anna	Nguyen	6				Honorable Mention				
Ernest R Graham K-8 Center	Viscous Liquids	Bryan	Oller	7				Superior				

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Ernest R Graham K-8 Center	Enzymatic Apple Juice Extraction at Different Temperatures	Michael	Vallejo	8				Excellent				
Ernest R Graham K-8 Center	A Freezing Solution and and Odd pH	Liza	Valoy	7				Excellent				
Eugenia B. Thomas K-8 Center	Fruitivity	Gian	Galarza	6				Excellent				
Eugenia B. Thomas K-8 Center	The Effect of Temperature on Reaction Time	Karim	Ghandour	8				Honorable Mention				
Eugenia B. Thomas K-8 Center	The Effect of Liquids on their Evaporation Rate	Lismary	Perez	8	Aura	Luna	8	Excellent				
Felix Varela Senior High	Changes in Diatom Assemblages down a salinity gradient in a restored mangrove wetland	Sara	Osorio	12				Superior	Genius Olympiad		SJWP	SSEF
Fienberg/Fisher K-8 Center	Does the Seed Depth Affect the Growth of the Plant?	Isabella	Alonso	7				Excellent				
Fienberg/Fisher K-8 Center	Do Chemical Reactions Prefer Hot or Cold Water?	Sebastian	Flores	8				Honorable Mention				
Fienberg/Fisher K-8 Center	Under The Sea	Aaron	Graeter	8				Honorable Mention				
Fienberg/Fisher K-8 Center	Gamer vs Non-gamers	Oneal	Isaacs	8				Honorable Mention				
Fienberg/Fisher K-8 Center	Electrolysis of Water Experiment	Tristan	Terselich	6				Honorable Mention				
Florida International Academy	Oil Spill Clean-Up	Laura Gail	Ebarle	7				Honorable Mention				

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Florida International Academy	Slow Melting	Tyja	Hart	8				Honorable Mention				
Florida International Academy	Which Soda has more Acid	Kayla	James	8				Honorable Mention				
Florida International Academy	Effect of Chemistry -Based Liquids on Rocks	Leah	tabequero	7				Honorable Mention				
Frank C. Martin K-8 Center	Proving Ohms law.	Alastair	Craythorne	6				Excellent				
Gateway Environmental K-8	Packing Material War	Jonathan	kelly	6				Honorable Mention				
Gateway Environmental K-8	Ready Set Launch	Isaac	Morales	7				Honorable Mention				
Gateway Environmental K-8	Candle Light Candle Brite	Anna	Morejon	6				Honorable Mention				
Gateway Environmental K-8	Invisible Glass	Alyssa	Navarro	7				Honorable Mention				
Gateway Environmental K-8	Plants and How Liques Affect Their Growth	Sofia	Ozete-Fonte	7				Honorable Mention				
George Washington Carver	Horsin' Around	Helen	Ballard	8				Excellent				
George Washington Carver	Dangerous Dirt	Sophie	Barry	8				Excellent				
George Washington Carver	Stay Tuned	Alexander	Bombino	8				Superior		Broadcom Masters	US Army	
George Washington Carver	Sulfites in Wine	Claudia	Breen	8				Excellent				
George Washington Carver	One Fish, Two Fish, Wild type Zebrafish, Mutant Zebrafish	Arielle	Cortina	8				Excellent		Broadcom Masters		
George Washington Carver	Algae in the Bay	Eva	England	8				Honorable Mention				

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George Washington Carver	Y Wik & Txt?	Yara	Faour	8				Superior		Broadcom Masters		
George Washington Carver	Conch-parison	Adrian	Ferrarati	8				Superior	Explore learning Gizmos			SSEF
George Washington Carver	Who wants to eat horse? - Accuracy of Meat Declaration in Lasagna	Linus	Freyer	8				Superior	FOSF MS	Broadcom Masters		SSEF
George Washington Carver	MRI VS. Standard Leads	Andres	Garcia	8				Superior		Broadcom Masters		
George Washington Carver	It's Toxic	Bibi-Soraya	Moghani	8				Superior				SSEF
George Washington Carver	Plastics for the Planet	Carolina	Novy	8				Excellent			US Air Force	
George Washington Carver	Got Taste?	Claudia	Pichardo	8				Honorable Mention				
George Washington Carver	OMG!GMO	Sophie	Ricard	7				Superior		Broadcom Masters		SSEF
Hammocks Middle	The effect of adding magnets to a Gauss rifle.	Cole	Bouza	7				Honorable Mention				
Hammocks Middle	The effect of temperature on the brightness of the glow of luminol when activated.	Katherine	Garcia	8				Superior	CPO CH MS	Broadcom Masters		
Hammocks Middle	The effect of DC voltage applied to an electrolyte solution on the collect the released hydrogen gas.	Stephanie	Mago	7				Honorable Mention				
Hammocks Middle	The effect of different nuts on caloric output	Sadaf	Salim	8				Honorable Mention				
Hialeah Gardens Senior	Denaturing Proteins	Luis	Fernandez	11				Excellent				

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Competition Date: January 25, 2014

Award Ceremony Date: February 8th, 2014

Location: Miami Dace College – North Campus
11380 NW 27th Avenue
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School	Title	First Name 1	Last Name 1	Grade 1	First Name 2	Last Name 2	Grade 2	Placement Award	Special	Special	Special	SSEF Finalist
Hialeah Gardens Senior	How Much Bacteria Do We Have In Our Homes?	MARTHA	REYES	12	JAVIER	PEREZ	12	Honorable Mention				
Hialeah Gardens Senior	Lemon Battery	Elizabeth	Rodriguez	9				Honorable Mention				
Hialeah Senior	Effects of Various Factors on Effusion Rates of Gases	Osmani	Darias	11				Honorable Mention				
Hialeah Senior	Effect of pH and Inhibitors on Corrosion Rates of carbon Steel	Annabel	Diaz	11				Excellent				
Hialeah Senior	Effect of Fluid Type and Tubing Diameter on Operating Efficiency of Home-Made Hydraulic Crane	Guillermo E.	Escobar	11				Excellent	E-SCRAP PC	SECME		
Hialeah Senior	Effect of Using Various Methods on Removal of Mg and Ca Hardness Via Precipitation	Iliana	Espinoza	11				Excellent				
Hialeah Senior	Effect of Arteriosclerosis-Induced Factors on Heart Performance Efficiency	Lisandra	Ferrer	12				Honorable Mention				
Hialeah Senior	Effect of Various Stimuli on Interferon Promoter Activation in Hepatoma Cells	Katrina	Montane	12				Superior				SSEF
Hialeah Senior	Effect of Multiple-Variables on Metallic Oxidation Rates	Emily	Puchades	11				Superior	CPO CH HS			SSEF

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Highland Oaks Middle	The Effect of Pressure on Algae	Ilana	Balog	8				Excellent				
Highland Oaks Middle	Global Dimming: The Other Inconvenient Truth	Marissa	Manley	7				Superior				
Highland Oaks Middle	Lunar Plant	Stephanie	Morton	8				Honorable Mention				
Highland Oaks Middle	What's for Dinner? Brown Rice, Hold the Arsenic	Aaron	Thaler	7				Superior		Broadcom Masters		
Homestead Senior High	Think Fast	Laquandria	Gibson	10				Honorable Mention				
Homestead Senior High	Technicolor	Kevin	Louis-Jean	9				Excellent				
Homestead Senior High	You've been replaced	Monica	Tejeda	10				Honorable Mention				
Horace Mann Middle	Burning Candles	Maslaine	Deus	8				Honorable Mention				
Howard D. Mcmillan Middle	The EFFECT OF FABRIC SOFTENER ON FABRIC FLAMABILITY	Sofia	Porzio	6				Honorable Mention				
Howard D. Mcmillan Middle	THE EFFECT OF DETERGENT SOLUTION ON THE GROWTH OF PLANTS	Ethan	Sodikromo	8				Honorable Mention				
Intl Studies Prep Academy	Great globs of gluten!	Bianca	Antunez	10				Honorable Mention				
Intl Studies Prep Academy	Build a music light-powered box.	Gonzalo	Cobos	11				Excellent				
Intl Studies Prep Academy	Antibodies attack on pathogens	Daniel	Fabregat	10				Honorable Mention				
Intl Studies Prep Academy	How music makes the difference.	Maria del Carmen	Garcia-Gomez	11				Honorable Mention				

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Intl Studies Prep Academy	Concentration gum	Sandi	Gonzalez	10				Honorable Mention				
Intl Studies Prep Academy	The effect of Coca-Cola on the human body.	Gabriela	Hernandez-Fumero	11				Honorable Mention				
Intl Studies Prep Academy	Boyle's law: Pressure VS Volume of a gas at constant temperature	Miguel	Marrone	10				Honorable Mention				
Intl Studies Prep Academy	Baking construction paper	Rhodney	Pierre	10				Superior				
Intl Studies Prep Academy	Warped words	Nicole	Santos	11				Honorable Mention				
Intl Studies Prep Academy	Calorimeter count and nutritional facts	Camila	Teran	10				Honorable Mention				
Intl Studies Prep Academy	Medicine is not your candy	Valeria	Viruela	11				Honorable Mention				
Intl Studies Prep Academy	The real force	Koichi	Yajima	10				Honorable Mention				
Irving & Beatrice Peskoe K-8	Saving Energy	Monica	Betancourt	6				Honorable Mention				
Irving & Beatrice Peskoe K-8	Stains Stains Stains	Daniella	Castro-Boughman	8				Honorable Mention				
Irving & Beatrice Peskoe K-8	Which liquid will preserve cut fresh flowers longer?	Susana	Perez	7				Honorable Mention				
Jane Roberts K-8 Center	Effects of Temperature on Solar Panel Voltage	Kyle	Chin	8				Honorable Mention				
Jane Roberts K-8 Center	Glued To The Spot	Daniel	Collishaw	6				Excellent				
Jane Roberts K-8 Center	Save Energy Through Your Fingertips	Danika	Fabiana	6				Excellent				
Jane Roberts K-8 Center	Generating Solar Energy	Briana	Moreno	8				Excellent				

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Jane Roberts K-8 Center	Effect of Temperature on Luminescence	Andrea	Rivera	8				Honorable Mention				
John A Ferguson Senior High	Transformation of Organic Arsenic Compounds in the Environment	Ashwin	Bhat	12				Superior				SSEF
John A Ferguson Senior High	Fluorescence staining of actin filaments in human bone marrow derived mesenchymal stem cells	Smita	Bhattacharjee	9				Superior				SSEF
John F. Kennedy Middle	Does Minerals in Plants Mean Rapid Growth?	Emma	Blanco	7				Honorable Mention				
John F. Kennedy Middle	The Juice Theory	Joshua	Breedy	7				Honorable Mention				
John F. Kennedy Middle	Worms in Action	Kirk	Brown	7				Excellent				
John F. Kennedy Middle	Added Weight Vs. Time, Blood Pressure and Heart Rate	Danielle	Carrasco	8				Superior	DCSTA MS	Broadcom Masters		
John F. Kennedy Middle	Summer Science Research Project	Bruce	Cheung	7				Honorable Mention				
John F. Kennedy Middle	Different Amounts of Water on a Phaseolus Lunatus	Crystal	Cuevas	8	N/a	N/a		Excellent				
John F. Kennedy Middle	The Effect of Copper Sulfate Pentahydrate on the Phaseolus Vulgaris Plant	Rajaa	Elhassan	7				Excellent				
John F. Kennedy Middle	Vitamin C Vs. Tylenol	Paul	Foreiter	8				Excellent				

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John F. Kennedy Middle	Sunlight Vs. Time	Christina	Pittiman	8				Excellent				
John F. Kennedy Middle	Is it Too Cold?	Luzmary	Quintero	8	N/a	N/a		Honorable Mention				
John I. Smith K-8 Center	A Hair to Remember	Veronica	Aguilar	6	chiara	soccio	6	Honorable Mention				
Jorge Mas Canosa Middle	Solar Paint	Juliet	Bradley	7	N/A	N/A		Excellent				
Jorge Mas Canosa Middle	Tension,Range and Kinetic Energy of Catapults	Jorge	Cubas	8	N/A	N/A		Superior		Broadcom Masters		
Jorge Mas Canosa Middle	Don't get rusty.	Violeta	Encarnacion	8	N/A	N/A		Excellent				
Jorge Mas Canosa Middle	Going Green As You Clean: "Are Conventional Detergents Less Toxic Than Green Detergents?"	Kayla	Hogan	8	N/A	N/A		Excellent				
Jorge Mas Canosa Middle	Vitamin C Madness	Amanda	Leon	6	N/A	N/A		Excellent				
Jorge Mas Canosa Middle	Solar Rollers	Ravi	Moolah	6	N/A	N/A		Superior		Broadcom Masters		
Jorge Mas Canosa Middle	Taming the Storm	Chistian	Ortega	8				Superior		Broadcom Masters		
Jorge Mas Canosa Middle	Romantic relationships and GPA	Kenny	Rivera	7	N/A	N/A		Excellent				
Jorge Mas Canosa Middle	Fixing Nitrogen in Soil Effect of Soil on Bean Seeds Growth	Osmandy	Roman	7	N/A	N/A		Excellent				
Jorge Mas Canosa Middle	What Vitamins?	Melina	Suarez	6	N/A	N/A		Honorable Mention				
Jose Marti Mast 612 Academy	Drink This	Brandon	Beltre	8				Honorable Mention				

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Jose Marti Mast 612 Academy	Gas Stations and Pollution: Connected or not?	Nicole	Corchero	7				Honorable Mention				
Jose Marti Mast 612 Academy	FRESH OR FALSE?	EMILY	FANDINO	6				Honorable Mention				
Jose Marti Mast 612 Academy	Gasoline vs. Electricity	Raphael	Fernandez	7				Excellent				
Jose Marti Mast 612 Academy	Comfort in Sailing	Michelle	Garcia	8				Honorable Mention				
Jose Marti Mast 612 Academy	A Baking Alternative	Isaac	Lavigne	8				Excellent				
Jose Marti Mast 612 Academy	Effect of temperature in the life of different types of batteries	Scherezada	Lozada	6				Honorable Mention				
Jose Marti Mast 612 Academy	Electrification Vegetation	Alyssa	Miguez	7				Excellent				
Jose Marti Mast 612 Academy	Water Absorption	Gertrude	Ruero	8				Honorable Mention				
Jose Marti Mast 612 Academy	Micro-organisms in water!	Luis	Torres	6				Honorable Mention				
Kenwood K-8 Center	Keeping People Insulated in Cold Weather	Daniel	Rivero	6				Honorable Mention				
Kenwood K-8 Center	Tumbling Mixtures	Eliot	Tamers	7				Excellent				
Key Biscayne K-8 Center	Football Concussions Are No Yolk	Daniel	Burke	8				Superior				
Key Biscayne K-8 Center	And they lasted happily ever after	Catherine	Green	6				Honorable Mention				
Key Biscayne K-8 Center	Living Roofs	Claudia	Interiano	7				Honorable Mention				
Key Biscayne K-8 Center	Debate At The Plate: Aluminum or Wood	Harley	Lohuis	8				Honorable Mention				

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Key Biscayne K-8 Center	Great Balls of Gluten	Alejandra	Malavenda	8				Excellent				
Key Biscayne K-8 Center	Magnetic Attraction	Gabriela	Malavenda	7				Excellent				
Key Biscayne K-8 Center	It's Rocket Science	Emma	Moise	6				Superior		Broadcom Masters		
Key Biscayne K-8 Center	Temperature and Frequency	Maria	Perez	8				Excellent				
Key Biscayne K-8 Center	Body Temp Stress Test	Isabella	Rivera	8				Excellent				
Key Biscayne K-8 Center	The Energy War	Ivan	Rivera	6				Honorable Mention				
Key Biscayne K-8 Center	Growth Of Red Beans In Different Kinds Of Soil	Laura	Sandino	7				Honorable Mention				
Key Biscayne K-8 Center	Sea Biscuit Population Density	Bianca	Sproul	8				Honorable Mention				
Kinloch Park Middle	DNA and the Four DNA Units	Victoria	Lopez	8				Excellent				
Kinloch Park Middle	How Beauty is Related to the Golden Ratio	Yulisa	Young	8				Honorable Mention				
Lamar Louise Curry Middle Sch	The Coolest Insulation Around	Gabriela	Espino	7				Excellent				
Lamar Louise Curry Middle Sch	Solar-Powered Desalination	Natalia	Fernandez	7				Honorable Mention				
Lamar Louise Curry Middle Sch		Jonely	Mejia	7				Excellent				
Law Enforcement Officers Hs	Which Battery Works Better?	Jesica	Hernandez	9				Honorable Mention				
Law Enforcement Officers Hs	DNA Extraction Of Fruits	Rem	Ittayem	11	Shavanna	Douglas	11	Excellent				
Law Enforcement Officers Hs	Denaturing Proteins	Danielle	Kairuz	10				Honorable Mention				
Law Enforcement Officers Hs	Forensic Dactylography	Maylin	Ramos	11		Duarte	11	Honorable Mention				

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Lawton Chiles Middle School	It's A Wrap	Kema	Demmings	7				Honorable Mention				
Lawton Chiles Middle School	Electromagnetic Field Detector	Ashley	Diaz	8				Honorable Mention				
Lawton Chiles Middle School	Which type of Wood Burns Slower?	Ashley	Guerrero	6				Excellent				
Lawton Chiles Middle School	Danger of Lithium Batteries	David	Rodriguez	8				Excellent				
Leewood K-8 Center	How to be a basketball shooting star	Alex	Blanco	7				Honorable Mention				
Leewood K-8 Center	Marble Race! Finding Viscosity of fluids	Raphael	Rodriguez	7				Honorable Mention				
Leewood K-8 Center	Take Two: Sound Production	Connor	Serig	6				Superior		Broadcom Masters	US Air Force	
Mandarin Lakes K-8 Center	Solar Colors	Derod	Deal	7				Excellent				
MAST @ FIU BBC	Natural Sea Salt as a Source of Iodine to Prevent Hypothyroidism and Goiter	Daniel	Rub	9				Superior				SSEF
Mast @ Virginia Key	Taking that shower gets you blue	Carvajal	Edwin	11				Honorable Mention				
Mast @ Virginia Key	Carcinogen exposure from laundry detergent	Julia	Levay	11				Honorable Mention				
Mast @ Virginia Key	Remote Sensing of Marine Ecosystems	Robert	Zoeller	8				Superior	American Meteorology Society	UM-RSMAS Carthe Award		SSEF
Mater Academy Charter High	Which Contains Less Contaminants, Bottled or Tap Water?	Carlos	Eguiluz	11				Superior				

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Mater Academy Charter High	Energy Consumption, Housing and Population in U.S Regions	Melanie	Matamoros	11				Honorable Mention				
Mater Academy Charter High	Project BirdWatch	Darla	Torres	12	Jani	Medina	12	Excellent				
Mater Academy Charter Middle	Italy vs Russia (World War 3)	Gabriella	Guevara	8				Excellent				
Mater Academy Charter Middle	Racing Bristlebots: On Your Mark. Get Set. GO!!	Enzo	Ibanez-Diaz	6				Excellent				
Mater Academy Charter Middle	Energize Me	Madison	Kemper	6				Excellent				
Mater Academy Charter Middle	Working With Wind	Martin	Macho	7				Honorable Mention				
Mater Academy East Middle	What Is The Best Liquid For Germinating Seeds?	Ashley	Barrios	8				Honorable Mention				
Miami Arts Charter	The Consequences of Soda	Maia	Barbee	6				Excellent				
Miami Arts Charter	ZING ZANG POW: HOW THE STRENGTH OF A MAGNET VARIES WITH TEMPERATURE	Havell	Cinea	6				Excellent				
Miami Arts Charter	SOUND BITES	Jane	Cohen	6				Excellent				
Miami Arts Charter	MAPLE SYRUP: FOR PANCAKES, WAFFLES AND CANDY?	Joy	Day	6				Excellent				
Miami Arts Charter	FINGERPRINT INHERITANCE	Elizabeth	DeWald	7				Honorable Mention				

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Miami Arts Charter	EFFECT OF SOIL SUBSTRATE ON BIOMASS OF EARTHWORM EISENIA FETIDA AND SOIL PH	Som	Saha	6				Excellent				
Miami Arts Charter	VEGETATION REMOVAL AND ITS EFFECT ON AQUATIC ECOSYSTEMS	Lauren	Searchfield	7				Honorable Mention				
Miami Carol City Senior High	Electromagnetism	Leon	Howard	10				Honorable Mention				
Miami Carol City Senior High	Measuring the speed of light with a microwave oven	Tamia	Johnson	10				Honorable Mention				
Miami Carol City Senior High	light it up	Tiffany	Vega	9				Honorable Mention				
Miami Central Senior High	Ever Get Cold Feet in a Sticky Situation?	Ashley	Arue	10				Honorable Mention				
Miami Central Senior High	Insta-Famous	Sakala	Watson	9				Honorable Mention				
Miami Edison Senior High	Color and Energy	Schamael	Joseph	10	Estephanie	Alvarez	10	Honorable Mention	Ricoh Corporation			
Miami Killian Senior High	Eyes on Ice	Kaylen	Mills-Alcala	9				Excellent				
Miami Killian Senior High	The varied use of membranes and mediators to enhance the ionic and electronic conductivity of a capacitor	Swati	Narasimhan	11				Superior	Discovery Education	SECME	US Naval Academy	SSEF
Miami Lakes K-8 Center	How Does a Hovercraft Work?	Sofia	Diaz	7				Honorable Mention				

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Miami Lakes K-8 Center	The Effects of Usage Time on Generated Heat From Laptop Computers	Karina	Maceo	6				Excellent				
Miami Lakes K-8 Center	The Effect of Plants and Water on Temperature within a Greenhouse.	Gabriel A.	Martinez	8				Excellent				
Miami Lakes K-8 Center	Hot And Cold Batteries	Jorge	Nin	8				Excellent				
Miami Lakes K-8 Center	HYDRAULIC HAND	Ariana	Rejas	6				Superior		Broadcom Masters		
Miami Lakes K-8 Center	Microwave Water and Plants	Valentina	Rocha	6				Excellent				
Miami Lakes K-8 Center	Legos to Save Lives	Ian	Rodriguez	7				Excellent				
Miami Lakes K-8 Center	Glow On	Chloe	Schwinghammer	8				Honorable Mention				
Miami Lakes Middle	The Wonders of Milk	Kenneth	Florencio	6				Honorable Mention				
Miami Lakes Middle	Fruit DNA: Extraction and Precipitation	Gabriel	Mourad	6				Excellent				
Miami Lakes Technical SHS	Vertical Axis Wind Turbine Farm Configuration Efficiency Based on Schools of Fish in Nature	Yenny	Dieguez	10				Superior	DCSTA HS	US Metric Association		SSEF
Miami Lakes Technical SHS	The Effects of Chemically Lightening Human Hair In Response to Humidity	Shuri	Francis	9				Honorable Mention				

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Miami Lakes Technical SHS	The Effect of Organic Material on Sand Erosion	Viviana	Garcell	9				Superior				
Miami Lakes Technical SHS	Luminescent Timing: Does the luminance of a computer screen affect a person's reaction time?	Max	Melendez	9				Excellent				
Miami Northwestern Senior High	Poster Board: The Effect of Activated Charcoal on Free Chlorine Concentration in Drainage Water	Alexius	Frasier	11				Excellent				
Miami Northwestern Senior High	Poster Board: The Effect of Gatorade vs. Water on Athletes Pulse Rate While Exercising	Lauryn	Howard	10	Larry	Mcperson	10	Honorable Mention				
Miami Northwestern Senior High	Poster Board:	Olivia	Noel	11				Honorable Mention				
Miami Southridge Senior High	Fish or No Fish?	Alejandro	Avila	10				Excellent				
Miami Southridge Senior High	The effect of herbivore diet to starch content in meat products.	Nicholas	Deegan	9				Honorable Mention				
Miami Springs Middle	Is it all in the Spin	Benjamin	Jarrell	6				Excellent				
Miami Springs Middle	Crystalmania	Fabiana	Ramos	7				Excellent				
Miami Springs Middle	The Best Antioxidants	Fariha	Raza	8				Superior				
Miami Springs Senior High	Man vs Machine: Blood Differentials	Richard	Gomez	12	Yoannis	Hermida	12	Excellent				

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Miami Springs Senior High	BIO-STREAM	LEONARDO	GUTIERREZ	12				Superior				
Miami Sunset Senior High	The effect of Tide Detergent Products on peperomia plants.	Cassandra	Delgado	12				Honorable Mention				
Miami Sunset Senior High	Trafficking Air Particles	Alexa	Luengo	12	Brooke	Marin		Honorable Mention				
Miami Sunset Senior High	The Big Dig	Tiffany	Ramos	12	Lien	Trincado	12	Honorable Mention	Association for Women Geoscientists			
Miami Sunset Senior High	How Do Different Biodegradable & Compostable Materials Decompose?	Samantha	Rodriguez	12				Honorable Mention				
Nautilus Middle	Incandescent vs. CFL vs. LED: Comparing Power Consumptions and Light Bulbs	Alexander	Garcia	6	Adrian	Barone	6	Honorable Mention				
Nautilus Middle	Battery Battle	Ethan	Hunt	6				Honorable Mention				
Nautilus Middle	The Effects of Excessive Algae Growth	Laila	Johnston	8				Excellent				
Nautilus Middle	Luminous Efficacy	Allison	Lam	8	Amy	Lopez	8	Superior		Broadcom Masters		
Nautilus Middle	Do Gas Stations Affect the Soil Around Them?	Cameron	Little	8				Honorable Mention				
Nautilus Middle	Solar Eye in the Sky	Isaiah	Nielsen	6	Carlos	Perdomo	6	Excellent				
Nautilus Middle	Battery Life	Antonio	Russo-Folco	6				Excellent				
Nautilus Middle	Where's My Manatee?	Christopher	Woodhouse	6				Honorable Mention				

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Norman S. Edelcup/Sunny Isles	Stealthy Shapes	Kevin	Buttet	8				Excellent			US Air Force	
Norman S. Edelcup/Sunny Isles	Waves Shall Not Pass... Again!	Gabriel	Hernandez	8				Excellent				
Norman S. Edelcup/Sunny Isles	It's Hot In Here!	John	Negrin	6				Excellent				
Norman S. Edelcup/Sunny Isles	Recyclable Materials in Soil: Good or Bad?	Madison	Paez	8				Excellent				
Norman S. Edelcup/Sunny Isles	How do grass seedlings respond to light?	Uriel	Rubinovich	7				Honorable Mention				
Norman S. Edelcup/Sunny Isles	How Does the Sun Affect Earth's Communication?	Elena	Sotolongo	8				Superior				
Norman S. Edelcup/Sunny Isles	Sugar Rush!	Shayaan	Subzwari	7				Excellent				
Norman S. Edelcup/Sunny Isles	Veggie Power	Daniel	Symonenko	6				Honorable Mention				
Norman S. Edelcup/Sunny Isles	Clean Air	Inaki	Unzue	7				Honorable Mention				
Norman S. Edelcup/Sunny Isles	The Effects of Changes in Salinity In Growing Solutions on the Rate of Growth on Common Lima Beans	Mollie	Willinger	6				Superior				
North Miami Beach Senior High	Implementing an HIV curriculum and assessing HIV knowledge among teenage girls	Nathalie	Carre	12				Honorable Mention	Department of Health and Human Services	NAACP Special Award		

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North Miami Beach Senior High	Fundamental Factors Involved in the Rate of Release of Calcium Alginate Beads	David	Dacres	12				Honorable Mention				
North Miami Beach Senior High	Colored Solar Water Distiller	Chelsea	Essue	9				Excellent				
North Miami Beach Senior High	Study of the Structural Factors Involved in the Manufacture of Alginate Beads.	Shasline	Gedeon	12				Honorable Mention				
North Miami Beach Senior High	Analysis of Quantitative and Qualitative Pigment Extraction	Vanessa	Luquez	12				Superior				
North Miami Beach Senior High	Solutions vs. Conductivity	Matthew	Mohammed	9	Jackson	Vega	9	Honorable Mention				
North Miami Beach Senior High	Music: Plant Therapy	Guyvenns	Platon	10	Brandon	Butler	10	Honorable Mention				
North Miami Beach Senior High	The pH and the	Bishara	Reid	10				Excellent	E-SCRAP Laptop			
North Miami Senior High	Nuts about Fat	Sheba	Blaise	10	Sophia	Duversaint	10	Excellent				
North Miami Senior High	Effects of Petroleum Derivatives on the Embryonic Maturation of Zea mays	Mario	George	12				Honorable Mention				
North Miami Senior High	Pressurize Me!	Cynthia	Infante	11				Excellent				
North Miami Senior High	Gel Electrophoresis Made Simple	Sheam	Jahan	10	Jonathan	Cabellero	10	Honorable Mention				
North Miami Senior High	Charred and Burnt	David	Lafontant	10	Yvens	Duplessis	11	Superior				

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North Miami Senior High	Not So Hot	Carlajane	Pascual	10	Tiara	Thomas	10	Superior				
North Miami Senior High	Death by Water	Jordan	Richardson	10	Daniela	Zuniga	10	Superior				
North Miami Senior High	Orange You Glad You're Not Hot	Valonie	Richardson	11				Superior				
North Miami Senior High	Investigating the Rate of Germination of Various Bean Types	Yadira	Santos-Cruz	11				Excellent				
North Miami Senior High	CaCl ₂ Concentration: The Deadly Factor	Christopher	Tong	10	Amber	Harvey	10	Excellent	FIU Agroecology Award			
Oxford Academy Of Miami	Solar Pizza Supreme	Natalia	Calderon	6				Honorable Mention				
Oxford Academy Of Miami	Kiwi Preserve... and the liquids that make it possible	Jordan	Mulindwa	7				Honorable Mention				
Palm Springs Middle	How Volume Varies with Temperature	Natalie	Aboud	7				Excellent				
Palm Springs Middle	measuring ph at different temperature in orange juice	Michelle	Casanas	8				Honorable Mention				
Palm Springs Middle	Effect of substances on a chicken wing bone	Maria	Charry	8				Honorable Mention				
Palm Springs Middle	Gases In Your Favorite Drink	Jillian	Corredeira	8				Honorable Mention				
Palm Springs Middle	Attack of the Algae	Gabriella	Nunez	7				Honorable Mention				
Palm Springs Middle	Erosion Denied	Harold	Segrera	8				Honorable Mention				
Palm Springs Middle	Organic or Inorganic	Douglas	Valverde	8				Honorable Mention				

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Palm Springs Middle	The Effect of Different Growing methods On the Growth Rate of Vegetation	Zanele	Valverde	7				Excellent				
Palmetto Middle	Solar Panel Efficiency	William	Browne	6				Superior		Broadcom Masters		
Palmetto Middle	Upside down veggies: Do tomato plants grow faster upside-down?	Lila	Greenberg	8				Excellent				
Palmetto Middle	Color Preferences and Fine Motor Coordination	Piper	Penney	6				Excellent			US Army	
Paul W. Bell Middle	The effect of different computer programs on live broadcasting.	Darian	Galdona	8				Excellent				
Paul W. Bell Middle	The effect of a solar panel in the efficiency of a proton exchange membrane (PEM)fuel cell	Maynor	Loaisiga	8				Superior			US Army	
Paul W. Bell Middle	What weather factors create radiation fog?	Michael	Quintanilla	6				Honorable Mention				
Paul W. Bell Middle	Bridges that can take a shake.	Shantell	Tejada	6				Honorable Mention				
Pinecrest Academy Charter Midd	Power Anyone? A Saltwater Battery	Alejandro	Cosano	7				Honorable Mention				
Pinecrest Academy Charter Midd	Does the Shape of a Parachute Affect Its Falling Time?	Camila	Gonzalez	7				Excellent			US Air Force	
Pinecrest Academy Charter Midd	Perception of Optical Illusions	Andres	Zeppenfeldt	7				Excellent				
Pinecrest Cove Academy	For Old Time's Sake	Kevin	Alonso	8				Honorable Mention				

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Pinecrest Cove Academy	Ketchup Power!	Natalia	Fernandez	6				Excellent				
Pinecrest Cove Academy	The Effects of Nicotene	Kyle	Martin	7				Honorable Mention				
Pinecrest Cove Academy	Which Drink to Blame for that Stain?	Brianna	Nunez	8				Honorable Mention				
Pinecrest Cove Academy	Rocket Power	Guido	Samanez	7				Honorable Mention				
Ponce De Leon Middle	Veggie Power = Batteries	Charlees	Mejia	7				Honorable Mention				
Redland Middle	The spoilage rate of carambola (starfruit)	Iara	Barrera	7	Cody	Cooper	7	Excellent				
Redland Middle	Feed efficiency of koi vs. tilapia	Shaniea	Baxter	8				Honorable Mention				
Redland Middle	The effect of yard mulch on weed control	Breona	Braboy	7	Codi	Toney	7	Superior		Broadcom Masters		
Redland Middle	Analyzing the wasting of cafeteria food according to economic demographics among students	Daqwan	Carlisle	7	Emiliano	Lemus	7	Honorable Mention				
Redland Middle	Propagation by rhizome separation of mondo grass	Jennifer	Francisco	8	Selin	Pichs	8	Excellent				
Redland Middle	Methods of cooling foods?	Alexandra	Gonzalez	8	Sydney	Peralta	8	Superior		Broadcom Masters		
Redland Middle	Would people prefer organic food or non-organic food?	Claire	McGarry	7	Guadalupe	Ibañez	7	Honorable Mention				
Redland Middle	Natural Soil vs. Potting Soil when growing tomatoes	Erika	Mederos	7				Excellent	FIU Agroecology Award			

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Redland Middle	Koi vs. tilapia	Erika	Ramirez	8	Yoana	Jackson	8	Excellent				
Redland Middle	Does sight affect taste?	Christine	Sainz	7	Karina	Arrazcaeta	7	Honorable Mention				
Redland Middle	Do tilapia and koi behave differently around people?	Deyja	Sullivan	8				Excellent				
Redland Middle	Uniformity of cooling in a commercial refrigerator	Julissa	Vera	7	Yacqueline	Aquino	7	Honorable Mention				
Redland Middle	Does the quality of taste in fruit change following dehydration?	Claire	Wasilewski	8				Honorable Mention				
Redland Middle	Do you know where your seafood comes from?	Tiana	Whittaker	8	Genesis	Arteaga	8	Honorable Mention				
Robert Morgan SHS	The effect of temperature on Batteries	Martina	Cattaneo	11	Tyler	Jimenez	11	Honorable Mention				
Robert Morgan SHS	The Effect of Water Absorption on Pieces of Wood in its Naural State and with Surface Coatings	Michael	Harris	9				Superior				
Robert Morgan SHS	Dissolution of Pills	Jasmine	Rivera	10	Yasmin	Castillo	10	Honorable Mention				
Rockway Middle	Diameters and Dome Strength	Alejandro	Bermudez	6				Superior	DCSTA MS	Broadcom Masters		
Rockway Middle	Energy Transformations	Anet	Caviedes	7	Thalia	Perez	7	Honorable Mention				
Rockway Middle	CARL	Emilio	Corvison	6				Honorable Mention				

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Rockway Middle	Build an Integrated Oscillator to Make a Led Blink on and off with Different Rates	Pedro Manuel	Leon-Reyes	7	Marlon	Estrada Valcarcel	7	Excellent				
Rockway Middle	What are we breathing?	Stephanie	Lopez	6				Excellent				
Rockway Middle	Salty Mangroves	Nicolas	Pujala	7				Honorable Mention				
Rockway Middle	Heavenly Water	Angelica	Ruiz-Salgado	6				Honorable Mention		NOAA		
Ronald W Reagan/Doral Senior	Muon Flux Through Various Substances and Conditions	Yonah	Elorza	12	Ana	Olano	11	Superior	CPO PH HS			SSEF
Ronald W Reagan/Doral Senior	Controlled Solar Panel System	Denise	Manfrini	12				Superior				
Ronald W Reagan/Doral Senior	Bringing the Greenhouse Effect Down to Earth	Rebecca	Zappala	9				Honorable Mention				
Ruben Dario Middle	The wonderful fruit fly	Gillesby	Matute	7				Excellent				
Ruth K Broad/Bay Harbor K-8	Fishing with Colors?	Shelly	Albergel	7				Excellent				
Ruth K Broad/Bay Harbor K-8	Singing Wine Glasses	Karla	Baldriche-Perez	6				Honorable Mention				
Ruth K Broad/Bay Harbor K-8	Do Subliminal Message Really Work?	Kailani	Barreras	8				Excellent				
Ruth K Broad/Bay Harbor K-8	Measuring Resistor Temperature with Arduino	Cameron	Behar	8				Superior		Broadcom Masters		
Ruth K Broad/Bay Harbor K-8	Cleanliness is Next Godliness	Paris	Brock	7				Excellent				
Ruth K Broad/Bay Harbor K-8	Is It Wi-Fi Material?	Jordan	Frank	7				Honorable Mention				

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Ruth K Broad/Bay Harbor K-8	Who Thinks Alike?	Isabella	Larder	8				Honorable Mention				
Ruth K Broad/Bay Harbor K-8	Spray, Cream or Stick: What's the Difference?	Olivia	Larder	8				Excellent				
Ruth K Broad/Bay Harbor K-8	Grip It and Rip It!	Yoshi	Petersson	6				Honorable Mention				
Ruth K Broad/Bay Harbor K-8	Paintball Splatter!	Mathew	Prada	6				Superior		Broadcom Masters		
Ruth K Broad/Bay Harbor K-8	Gender Accuracy on Distinguishing Brands by Taste	Gabriela	Rivera	8				Excellent				
Ruth K Broad/Bay Harbor K-8	The More Light, The Better	Carlos	Santos	7				Excellent				
Ruth K Broad/Bay Harbor K-8	Detect It!	Isabella	Sharifi	7				Superior				
South Dade Senior High	Uphill Roller	Priya	Atodaria	10				Excellent				
South Dade Senior High	The Confusing Nature of Gravity	Christian	Edinger	12	Yoko	Chan	12	Honorable Mention				
South Dade Senior High	Maximum Revolutions	Danielle	Neibaur	12				Honorable Mention				
South Dade Senior High	Aspirin Absorption in Carbohydrate Solutions	Jeidi	Pinto	10				Honorable Mention				
South Dade Senior High	Does Leaf Extract Affect Seed Germination?	David	Silverman	9				Superior				
South Miami K-8 Center	Coral Reefs are in Danger PII	Eva	Bibas	8				Excellent				
South Miami K-8 Center	Creating a Stronger Truss	Victor	Mendez	7				Excellent				
South Miami K-8 Center	Drumhead Sounds	Sam	Yaziji	7				Excellent				

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South Miami Senior High	How Does Miracle Gro Affect the Growth of Ravanus sativus?	Darlene	Garcia	9				Excellent				
South Miami Senior High	The Effect of Different Water Sources of Rapanus sativus seeds	Veronica	Gonzalez	9				Honorable Mention				
South Miami Senior High	Effects of Sugar on the Growth of Phaseolus Vulgaris	Thalia	Nieves	9				Honorable Mention				
South Miami Senior High	Effects of Electromagnetic Fields on Plants	Kirsten	Villota	9				Honorable Mention				
Southwest Miami Senior High	Feeding Earthworms: Do Different Diets Affect Them and the Soil They Enrich?	Olavo	Aleman	10				Honorable Mention				
Southwest Miami Senior High	Effects of Nitrogen on the Growth of a Spider Plant	Fabio	Rodriguez	10				Honorable Mention				
St. John Newman Catholic School	Artificial Autumn	Alexander	Ahrens	7				Honorable Mention				
St. John Newman Catholic School	Glucose Testing in Vegetables	Gabriel	Cordova	6				Superior		Broadcom Masters		SSEF
St. John Newman Catholic School	Filtration Frenzy	Charles	Gannon	7				Excellent				
St. John Newman Catholic School	Nuts 4 Energy	Jillian	Rodriguez	7				Excellent				
St. John Newman Catholic School	All Dried Up!	Cecilia	Seiglie	6				Excellent				

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Terra Environmental Research	The effects of allegation-blind investigative interviewing on source monitoring	Amber	Tavakoly	11				Excellent				
W. R. Thomas Middle	Metals Identified	Sofia	Gonzalez	6				Honorable Mention				
W. R. Thomas Middle	Yogurt Cultures	Jianna	Martinez	6				Excellent				
Westland Hialeah Senior High	Nitrogen's Role in plant growth	Joshua	Ceballos	10	Osmay	Cardoso	10	Superior				
Westminster Christian		Cory	Bond	9				Excellent				
Westminster Christian	The Effect of Protein Upon the Mass of Eggs Laid	Connor	Crotty	9				Excellent				
Westminster Christian	The Effect of Interpersonal Rewards and Gender on Cheating Rates	Ashley	Diaz	10				Superior	American Psychological Association			SSEF
Westminster Christian	The Effect of Varying Amounts of Brassica Oleracea on Pain and Mobility on Arthritis	Sophia	Gonzalez	9				Honorable Mention				
Westminster Christian	Synthesis of Size-Dependent Cu ₂ O Octahedra and Their Comparative Photocatalytic Activity	Robert	Goodin	11				Superior	FOSF HS	Yale Science and Engineering		SSEF
Westminster Christian	Put a Sock on It: Best Material for Modern Prosthetic Use	Annika	Heetderks	9				Superior	DCSTA HS		US Army	Alternate

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Westminster Christian	The Effects of Varying Dimensions of Copper on Electricity from Solar Panels	Jonathan	Lee	10				Superior				
Westminster Christian	The Efficacy of Eye Movement Desensitization and Reprocessing for the Treatment of Post Traumatic Stress Disorder	Lauren	Pedersen	9				Excellent				
Westminster Christian	The Effect of Power Naps Upon Memory Retention and Mood	Sophia	Poveda	9				Honorable Mention				
Westminster Christian	Unintended consequences of Mosquito pesticides on the marine environment: potential effects on the Threatened staghorn coral, Acropora cervicornis	Chandler	Precht	12				Superior			SJWP	SSEF
Westminster Christian	The Effect of Chuan Xin Lian on the Inhibition of E.coli K12 and Coliphage T4 Growth	Abigail	Raffalski	9				Superior				

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Westminster Christian	The Effect of the Visible Area of the Sclera on a Person's Perception of Another Person's Trustworthiness and Friendliness	Kevin	Rodriguez	10				Superior	Benjamin Cole			SSEF
Westminster Christian	The Effect of the Number of Hours an Individual Reads on Attention Span	Valentina	Saavedra	9				Excellent				
Winston Park K-8 Center	Caffeine in Decaf Tea	Kathleen	Alsina	8				Superior		Broadcom Masters		SSEF
Winston Park K-8 Center	Is it a real or fake smile?	Aurora	Bacallao	7				Superior				
Winston Park K-8 Center	Soda can heater	Lucas	Carbajal	6				Excellent				
Winston Park K-8 Center	Do distractions affect driving during a video game?	Mark	Coiras	6				Honorable Mention				
Winston Park K-8 Center	How clean can it get?	Tiffany	Fernandez	7				Honorable Mention				
Winston Park K-8 Center	Bioplastic vs. Commercial Plastic	Marcelo	Guzman	8				Superior		Broadcom Masters		SSEF
Winston Park K-8 Center	Pictures Vs. Words	Natalie	Hernandez	8				Superior		Broadcom Masters		
Winston Park K-8 Center	Fire it Up	Elizabeth	Knewitz	8				Honorable Mention				
Winston Park K-8 Center	Does protein in poultry feed affect the density of eggs laid by Brown Quails(Cortunix ypsilophora)	Zachary	Mantilla	8				Superior				SSEF

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Young Women's Preparatory Acad	The Race to grow Mold	Pamela	Alcala	6				Honorable Mention				
Young Women's Preparatory Acad	Blood Spatter Analysis	Melissa	Espejo	7				Honorable Mention				
Young Women's Preparatory Acad	PH Plant Project	Grace	Kingsbury	6				Honorable Mention				
Young Women's Preparatory Acad	The X Factor	Brigid	Moore	7				Honorable Mention				
Young Women's Preparatory Acad	Stain, Tea, Teeth	Martina	Negro	7				Honorable Mention				
Young Women's Preparatory Acad	HOPE ON THE AIR: Low-cost, single frequency radio receiver/RFID unit for emergency situations	Rebecca	Rauch-Thane	8				Honorable Mention			US Air Force	
Youth Co-Op Charter School	Lego Man Does Everything	Danny	Arminana	8				Honorable Mention				
Youth Co-Op Charter School	A Race For The Metal People	Victor	Arminana	6				Excellent				
Youth Co-Op Charter School	Rocking The Boat	Onelio	Duran	7				Honorable Mention				
Youth Co-Op Charter School	Light Refraction Through A Salt Or Sugar Solution	Daniel	Estevez	8				Honorable Mention				
Youth Co-Op Charter School	Heron's Fountain	Emily	Fienco	7				Honorable Mention				
Zelda Glazer Middle School		Leilani	Fleites	8				Honorable Mention				
Zelda Glazer Middle School	How Much Height to	Daniella	Gonzalez	8				Honorable Mention				
Zelda Glazer Middle School	Who Let the Balls Bounce?	Tamara	Munoz	8				Excellent				
Zelda Glazer Middle School	Shape Shifter	Emily	Pasteris	8				Honorable Mention				