

High School

School	First Name 1	Last Name 1	Grade 1	First Name 2	Last Name 2	Grade 2	Category	Project Title	Award
Alonzo & Tracy Mourning	Rossana	ChengHe	12				Plant Sciences	Protein Profiles of Peel and Pulp of Different Varieties of Mango Fruit	Honorable mention
Archimedean Upper Conservatory	Nicholas	Gomez	9				Environmental management	Magnification of Sunlight to a Solar Powered Desalination Device Affects its Water Condensate Level	Honorable mention
Archimedean Upper Conservatory	Shiva	Kangeyan	10				Microbiology	Uncovering the secrets of alginate production in Pseudomonas aeruginosa, the number one killer of cystic fibrosis patients	Superior
Archimedean Upper Conservatory	Veronica	Veliz	11	Francis	Curiel	11	Biochemistry	The Enhancing Antimicrobial Action Of...Juice?	Honorable mention
Barbara Goleman Senior High	Lauren	Fernandez	9				Engineering: Electrical and Mechanical	Blown Away	Honorable mention
Booker T. Washington Senior High	Aaliyah	Valcin	10				Plant Sciences	Save Those Rotten Strawberries	Honorable mention
Christopher Columbus High School	Antonio	Arzola	10				Behavioral and Social Science	Disfluency Case Study	Excellent
Christopher Columbus High School	Ricardo	Calleja	10				Medicine and Health	Which mattress suture can withstand the most weight?	Honorable mention
Christopher Columbus High School	Eric	Ceballos	?				Environmental Sciences	Melaleuca Quinquenervia	Excellent
Christopher Columbus High School	Thomas	Cook	11				Microbiology	How Much Bacteria do You Want on Your Produce?	Honorable mention
Christopher Columbus High School	Alexander	Fernandez	11				Plant Sciences	Does salt accumulate in the fronds of the mangrove palm Nypa fruticans?	Excellent
Christopher Columbus High School	Daniel V	Fernandez	11				Engineering: Materials and Bioengineering	Octane rating and Gas Mileage	Excellent
Christopher Columbus High School	Javier	Garcia	11				Physics and Astronomy	Maximizing Windmill Efficiency	Excellent
Christopher Columbus High School	Kevin	Montiel	11				Microbiology	Characterization of Non-Muroid Revertant from a clinical Pseudomonas aeruginosa from a Cystic Fibrosis Patient	Honorable mention
Christopher Columbus High School	Tyler	Murton	10				Biochemistry	Oil Distillation and Extraction of Melaleuca Leaves	Honorable mention

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Christopher Columbus High School	Richard	Rahman	10				Physics and Astronomy	Voice Signal Attenuation in Fiber Optic Cables	Excellent
Christopher Columbus High School	Rodger	Shay	10				Animal Sciences	Aquatic Sensory Receptors	Honorable mention
Christopher Columbus High School	Michael	Tomonto	11	Henry	Powell	11	Animal Sciences	The Effects of Size Difference in Aggression of Female Electric Fish	Superior
Christopher Columbus High School	Christopher	Tonarely	?	Stephen	Cutie	?	Microbiology	Creating Pif1 Mutants in Yeast	Honorable mention
Dorothy M. Wallace C.C	Daniela	Covarrubias	12				Behavioral and Social Science	Are you profiling on babies?	Excellent
Dorothy M. Wallace C.C	Jessica	Issac	12				Behavioral and Social Science	What stresses teens the most?	Excellent
Dorothy M. Wallace C.C	Chartia	Walker	12	Blanca	Bode	12	Behavioral and Social Science	Repeat that again...Recidivism!	Excellent
Dr. Michael M. Krop High	Thomas	Blachman	12				Mathematical Sciences	Eminem has Entropy	Superior
Dr. Michael M. Krop High	Benjamin	Englard	11				Computer Science	Decreasing Latency on a Distributed Microblogging System	Superior
Dr. Michael M. Krop High	Jennifer	Haber	11				Engineering: Materials and Bioengineering	Motor Performace in Subjects with Parkinson's Disease During Executive Functioning and Working Memory Dual Tasks	Honorable mention
Dr. Michael M. Krop High	Netgie	Laguerre	11				Biochemistry	Isolation of Antimicrobial Compounds from the Marine Green Algae	Excellent
Dr. Michael M. Krop High	Jamie	Odzer	10				Environmental management	The Impact of Varying Productivity Levels on Abundance and Feeding Patterns of Callinectes sapidus: What does Blue Crab Behavior tell us About Everglades Restoration?	Superior
Dr. Michael M. Krop High	Prateek	Sachdeva	12				Computer Science	PHP and MySQL E-Learning Solution to Improve Reading and Math Skills	Superior
Dr. Michael M. Krop High	Nga	Tran	12				Chemistry	Naughty Nitrogen !	Excellent
Dr. Michael M. Krop High	Marc	Vernick	12				Behavioral and Social Science	The Relative Effectiveness of E-Learning in Teaching Students with Learning Disabilities as compared to Traditional Learning Methods	Superior

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Dr. Michael M. Krop High	Stephen	Wittels	11				Medicine and Health	The Biomechanics of muscle, tissue, and fat	Excellent
Drs. Char. School. Of Miami Shores	Marylouise	Asprer	10				Chemistry	What's Up Sugar? Nothing Much, Just Gassy.	Honorable mention
Drs. Char. School. Of Miami Shores	Josiah	McLaughlin	10				Chemistry	Exploring the Effects of pH on Lead Testing	Honorable mention
Drs. Char. School. Of Miami Shores	Nicholas	Russo	10				Chemistry	Which Solution Contains the Greatest Amount of Electrolytes?	Excellent
Felix Varela Senior High	Cindy	Saenz	12				Environmental Sciences	Examining the Bioavailability of Mangrove Leachates of Shark River Slough	Excellent
Gulliver Prep	Aleksis	Garcia	10				Medicine and Health	Ablation Catheter Experiment	Superior
Gulliver Prep	Chandler	Precht	10				Animal Sciences	The Spread and Progression of White Band Disease on the Threatened Staghorn Coral Acropora cervicornis: Implications for Reef Management	Superior
Hialeah-Miami Lakes Sr.	Elaine	Doval	10				Chemistry	Lipid's Reaction to Different pH Levels	Honorable mention
Hialeah-Miami Lakes Sr.	Michelle	Espinoza	12				Engineering: Electrical and Mechanical	Conductivity and Resistance	Honorable mention
Hialeah-Miami Lakes Sr.	Loribeth	Mesa	11				Environmental Sciences	Light and pH	Honorable mention
Hialeah-Miami Lakes Sr.	GILBERTO	RIVERA	10				Physics and Astronomy	SOUNDPROOFING	Honorable mention
Highaleah Gardens High Sc	Daniel	Bello	9	Edmond	Lara	9	Engineering: Materials and Bioengineering	WHICH IS THE BETTER INSULATION MATERIAL	Honorable mention
Highaleah Gardens High Sc	Stephanie	Marquez	10				Cellular and Molecular Biology	Ripe or Rotten?	Honorable mention
Homestead Senior High	Diego	Alva	9				Engineering: Electrical and Mechanical	Rockets	Honorable mention
Homestead Senior High	Hermione	Daguin	10				Plant Sciences	The effect of salt on pea seeds	Honorable mention
Homestead Senior High	Yajayra	Resendiz	10	Daniel	Perez	10	Environmental Sciences	The biosand filter	Honorable mention
Homestead Senior High	Lena	Rodriguez	10				Medicine and Health	Which antacid is more effective?	Honorable mention
Intrnl Studies Prep Academy	Andrea	Villa	10	Samantha	Kassner	10	Environmental Sciences	Bioindication with Gammaridae of Two Freshwater Canals	Excellent
IPREPARATORY Academy	Victoria	De La Torre	9				Behavioral and Social Science	Movie Music	Superior
IPREPARATORY Academy	Christian	Girala	9				Behavioral and Social Science	Mystery of Memory	Excellent

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IPREPARATORY Academy	Cg	Haines	9				Physics and Astronomy	Light Bulb Efficiency	Honorable mention
IPREPARATORY Academy	Paula	Honorato	9				Behavioral and Social Science	Colors are worth a thousand shades!	Excellent
IPREPARATORY Academy	Joseph	Knight	9				Animal Sciences	Grow Worms!	Excellent
IPREPARATORY Academy	Barbara	Marquez	9				Engineering: Electrical and Mechanical	Going Further with Solar Power	Honorable mention
IPREPARATORY Academy	Stefan	Martinez	9				Physics and Astronomy	Harmony at Last!	Honorable mention
IPREPARATORY Academy	Michael	Rubiano	9				Plant Sciences	Move Over!	Honorable mention
IPREPARATORY Academy	Ernesto	Silva	9				Biochemistry	Producing The Perfect Aroma	Honorable mention
IPREPARATORY Academy	Angie	Ta	9				Chemistry	Crystals and Evaporation	Honorable mention
IPREPARATORY Academy	Manuel	Valdes	9				Computer Science	Quality Jeopardy	Excellent
John A. Ferguson Senior	Ashwin	Bhat	10				Medicine and Health	The Biocompatibility of Graphene and Osteoblasts	Superior
John A. Ferguson Senior	Sanchit	Bhattacharjee	10				Engineering: Materials and Bioengineering	How the voltage across a piezoelectric material changes with varying pressure and temperature	Superior
John A. Ferguson Senior	Renuka	Ramchandran	11				Medicine and Health	A novel immunostimulating (1,4)- α -D-glucan from <i>Tinospora cordifolia</i> for cancer therapy	Superior
Mast At Jose Marti High	Juan	Galvis	9				Physics and Astronomy	Fast and Furious	Honorable mention
Mast At Jose Marti High	Williams	Garcia	9				Engineering: Electrical and Mechanical	Mouse Car Trap	Honorable mention
Mast At Jose Marti High	Daniel	Rodriguez	9				Chemistry	Danger of Lithium Batteries	Honorable mention
Mater Academy Ch. High	Rebecka	Rios	12				Plant Sciences	Hydrogen Peroxide in Pesticides, Harmful or Helpful?	Honorable mention
Med Acad For Science & Technology	Gaby	Capiro	9				Chemistry	Borax Crystals	Honorable mention
Med Acad For Science & Technology	Emma	Krenik	9				Medicine and Health	The Effect of Cellular Radiation on Water temperature	Honorable mention
Med Acad For Science & Technology	Chasity	Rosario	10				Microbiology	The Effects of Mouthwash on Oral Bacteria	Honorable mention
Miami Carol City Senior	Ayesha	Ali	9				Environmental Sciences	The effect of treated hair on oil spill absorption	Honorable mention

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Miami Carol City Senior	Brittany	Clarke	10				Plant Sciences	The effect of caffeine on plant growth	Honorable mention
Miami Carol City Senior	Ivonee	Logo	9				Chemistry	The effect of different types of fabric on the rate of burning	Honorable mention
Miami Central High	Leon	Johnson	9				Physics and Astronomy	A Feather and an Elephant: Do They Really Fall at the Same Rate?	Honorable mention
Miami Jackson Senior High	Shannise	Ballard	12				Plant Sciences	The Effect of Changing Circadian Rhythms on Impatien lants	Honorable mention
Miami Jackson Senior High	Venus	Gonzalez	12				Environmental Sciences	The effect of liquid fertilizer on nitrate levels of lake water	Honorable mention
Miami Jackson Senior High	Joseph	Herring	9				Energy and Transportation	The effect of using wood or plastic as the frame of a solar car on the efficiency of a solar cell.	Excellent
Miami Jackson Senior High	John	Ortega	11				Chemistry	The Effect of Different Solutes on the Boiling Point of Water.	Honorable mention
Miami Jackson Senior High	Kyanna	Rivera	11				Plant Sciences	The Effect of Using Recycled Newspaper as Fertilizer on Plant Growth	Honorable mention
Miami Jackson Senior High	Gabriella	Rocha	11				Chemistry	Comparing Vitamin C Concentrations In Various Orange Juices	Honorable mention
Miami Jackson Senior High	Weslin	Roldan	12	Theodoro	Raymond	12	Environmental Sciences	The affect of Gibberellic Acid on Bean Plants	Honorable mention
Miami Jackson Senior High	Luis	Roque	12				Environmental Sciences	The Effect of Coastal and Fresh Water Flooding on Lawns	Honorable mention
Miami Jackson Senior High	Damineque	Vilella	12	Wilmide	Charles	?	Environmental Sciences	Natural Pesticides	Honorable mention
Miami Killian Senior High	Swati	Narasimhan	9				Cellular and Molecular Biology	The effect of the placement of mismatches between a DNA primer and a DNA template on the strength of the bond during Polymerase Chain Reaction	Superior
Miami Lakes Ed. Center	Laura	Gonzalez	9				Chemistry	Penny Oxidation	Honorable mention
Miami Lakes Ed.Center	Jonathan	Licona	9				Animal Sciences	Lightning Flies	Excellent
Miami Norland Senior High	Sharani	Duporte	10				Behavioral and Social Science	Think Fast!	Honorable mention
Miami Norland Senior High	Devonte	Ingraham	10				Biochemistry	Mapping the Human Tongue	Honorable mention

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Miami Norland Senior High	Vernard	Levell	10	Jordan	Owens	10	Plant Sciences	Which Liquid Helps Seeds Germinate?	Honorable mention
Miami Norland Senior High	Kenton	Williams	10				Behavioral and Social Science	Remember the Times	Honorable mention
Miami Northwestern Senior High	Mylika	Anthony	10				Biochemistry	Got Milk?	Honorable mention
Miami Northwestern Senior High	Abel	Arzu	11	Bradley	Fair	10	Chemistry	The Cool Blue Light Of Luminol	Honorable mention
Miami Northwestern Senior High	Jontavia	Dykes	10				Microbiology	Effect Of Light On Bacteria Growth	Honorable mention
Miami Northwestern Senior High	Briyana	Joseph	10				Chemistry	Antacids and The Manifestation of Alkalosis	Honorable mention
Miami Northwestern Senior High	Alexander	King	10	Raymond	Pache	10	Earth Science	Ground Zero	Excellent
Miami Northwestern Senior High	Montez	Mack	9				Cellular and Molecular Biology	Bananas For DNA	Honorable mention
Miami Northwestern Senior High	Athalie	Parrott	10	Tytianna	Bunch	10	Chemistry	Fire In Progress Household Materials To The Rescue	Honorable mention
Miami Northwestern Senior High	Daysha	Richardson	9				Plant Sciences	Brown Leaves	Honorable mention
Miami Northwestern Senior High	Marvin	Saintfleur	10				Chemistry	An Onion Conundrum	Honorable mention
Miami Northwestern Senior High	Monica	Washington	10				Chemistry	Temperature effect on Viscosity	Honorable mention
Miami Southridge Senior High	Nevia	Gordon	9				Animal Sciences	The effect of color on birds	Honorable mention
Miami Southridge Senior High	Trenton	Hill	10				Animal Sciences	Doggie Bag	Honorable mention
Miami Sunset Senior High	Javier	Gonzalez	9				Medicine and Health	Natural Vs. Chemical	Excellent
New World School Arts	Sammi-Jack	Martincak	11				Medicine and Health	Exploration of the perceived relationship between height, weight and vocal range in the determination of voice type.	Excellent
North Miami Beach Senior High	Dorothy	Alexis	9				Plant Sciences	To Grow or not to Grow	Superior
North Miami Beach Senior High	Abigail	Ayers	11				Engineering: Electrical and Mechanical	Hurricane Spoilers, Part III	Superior
North Miami Beach Senior High	Brandon	Benjamin	12				Cellular and Molecular Biology	Functional Applications of GABA in the Islet of Langerhans	Superior
North Miami Beach Senior High	Christine	Curiac	10				Behavioral and Social Science	Gender v.s. Visual Memory	Excellent

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North Miami Beach Senior High	Eyleen	Izaguirre	11				Physics and Astronomy	Magneto	Honorable mention
North Miami Beach Senior High	Sanithe	Pompilus	11				Physics and Astronomy	Color Wars	Honorable mention
North Miami Beach Senior High	Anastasiya	Sizova	9				Environmental Sciences	How eco-friendly are your dish detergents really?	Honorable mention
North Miami Senior High	Mario	George	10	Frank	Albelo-Cordoba	10	Biochemistry	Superfat Me	Excellent
North Miami Senior High	Tiffanie	Henriquez	10				Cellular and Molecular Biology	Nothin' Beats the Original!	Honorable mention
North Miami Senior High	Anthony	Horta	10				Environmental Sciences	The Effect of Acid Rain on the pH of Water	Excellent
North Miami Senior High	Neuton	Richardson	9				Plant Sciences	THE EFFECT OF MAGNETIVITY ON BEAN PLANTS	Excellent
North Miami Senior High	Valonie	Richardson	9				Cellular and Molecular Biology	If You Heat Me, You Kill Me!	Honorable mention
North Miami Senior High	Roodjine	Saint-Aude	9				Medicine and Health	Tasting Nose?!	Honorable mention
North Miami Senior High	Albert	Salazar	9				Plant Sciences	Companion Planting	Excellent
North Miami Senior High	Alexander	Setuain	10	Jommy	Senatus	10	Chemistry	TOO MUCH ISN'T WORTH THE HEAT	Honorable mention
North Miami Senior High	Devin	Stoutenburg	9				Biochemistry	ENZYMES ON TIME	Excellent
North Miami Senior High	George	Torres	9				Medicine and Health	Energy to Jumpstart your Game.	Excellent
R.W.Reagan/Doral High	Juan	Alvarez	11				Physics and Astronomy	Use of magnets	Excellent
Robert Morgan Voc/Tech	Robert	Shively	10	Eric	Gonzalez	10	Engineering: Electrical and Mechanical	Exoskeleton Arm Endurance	Excellent
Schoolool For Adv. Study S	SriGita	Madiraju	12				Microbiology	Inhibition of Microorganisms with Natural Substances	Excellent
South Dade Senior High	Brandon	Alder	10	Annelise	Chavez	10	Physics and Astronomy	Newton's Laws	Honorable mention
South Dade Senior High	Nicole	Romero	10				Chemistry	How Does Time and Temperature Effect the Ph	Honorable mention
South Dade Senior High	Jared	Worthley	9				Environmental Sciences	Haitian Soil Texture vs Haitian Soil Color	Honorable mention
South Miami Senior High	Ivan	Badillo	9				Plant Sciences	Does Dietary Fiber Affect the Growth of Lima Beans	Honorable mention
South Miami Senior High	Francoise	Giraldo	9				Plant Sciences	The Effect of pH on Plant Growth	Honorable mention

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South Miami Senior High	Rachel	Quintana	9				Plant Sciences	Does Vitamin B-Complex Affect the Growth of Cachucha Peppers	Superior
Terra Env. Res. Institu	Amanda	Nelson	11				Environmental Sciences	Natural Antibiotic Resistance in the Soil	Honorable mention
Terra Env. Res. Institu	Cristina	Novoa	10				Environmental Sciences	Finding Biological Controls for Cactus Mealy Bug	Honorable mention
Terra Env. Res. Institu	Emily	Perez	11				Environmental Sciences	Inoculation of Susceptible and Resistant Tobacco with Tobacco Mosaic Virus	Excellent
Terra Env. Res. Institu	Kristina	Rodriguez	11				Biochemistry	Mitochondrial DNA Haplogroup Analysis in Tibet	Superior
Terra Env. Res. Institu	Stacy	Soriano	11	Jacqueline	Carbajal	11	Cellular and Molecular Biology	Artemisia Tridentata Vaseyana Possesses Anti-Proliferative Activities	Superior
Terra Env. Res. Institu	Ben	Troen	11				Cellular and Molecular Biology	An Inducible Transgenic Mouse Model to Investigate the Role of Sirtuin 1 in Osteoporosis	Superior
Westland Hialeah Senior	Amy	Fernandez	9				Plant Sciences	The effect of music on Plants	Honorable mention
Westland Hialeah Senior	Cindy	Socarras	10				Chemistry	The effect of water temperature on Alka Seltzer.	Honorable mention
Westland Hialeah Senior	Jorge	Torres	10				Physics and Astronomy	The effect of temperature on paint's physical properties.	Honorable mention
Westminster Christian School	Gabrielle	Argimon	9				Computer Science	What is the Best Way to Program a Robot?	Superior
Westminster Christian School	Rebecca	Barrios	11				Medicine and Health	The Power of Protein	Excellent
Westminster Christian School	Clint	Chilson	9				Engineering: Electrical and Mechanical	Optimizing Efficiency of Coil Guns	Superior
Westminster Christian School	Allison	de Moya	9				Environmental Sciences	Flower Power	Superior
Westminster Christian School	Jack	Erdozain Jr.	11				Chemistry	The Electrochemical Effects of Saccarides on the Voltage Output of a Microbial Fuel Cell Using Penicillium Chrysogenum	Superior
Westminster Christian School	Robert	Goodin	9				Environmental Sciences	Effects of Ultraviolet Radiation on Enterococci Bacteria in South Florida Seawater	Superior
Westminster Christian School	Carlin	Labuzan	9				Chemistry	Cysteine Strength	Honorable mention

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Westminster Christian School	Ana	Lopes	10				Behavioral and Social Science	Fear and Heart Rate	Superior
Westminster Christian School	Eric	Riehl	11				Engineering: Electrical and Mechanical	Street Smart	Superior
Young Men'S Prep. Academy	Jonathan	Bradley	9				Medicine and Health	Are Condoms Permiabile	Honorable mention