

2010 Senior Science Fair Results

Student Name	Grade	Project	Team	School	Scores
Alba, Brenda	12	Vanishing Eggshell	Yes	Miami Jackson Senior High	Excellent
Alexander, Erin	11	Does The Dilated Cardiomyopathy Functional Phenotype Predominate Over That Of Hypertrophic Cardiomyopathy And Restrictive Cardiomyopathy?	No	Dr Michael M Krop Senior High	Superior
Allen, Quanisha	12	The Effect Of Diaper Brands On Water Absorbency.	No	Cope Center North	Excellent
Alvarez, Daniel	11	The Effect Of The Wavelength Of Visible Light On The Rate Of Photosynthesis	Yes	Belen Jesuit Preparatory School	Superior
Alvarez, Fernando	10	Eco Landfill	No	Christopher Columbus High	Superior
Alvarez, Kylie	9	Effect Of Triclosan Against Bacteria	No	Terra Environmental Research	Honorable Mention
Amador, Asaria	12	Microbes Can Pglo	No	Maritime & Science Technology	Excellent
Aragundi, Steven	10	Popcorn Madness	No	Hialeah Gardens Senior	Excellent
Arevalo, Diana	12	Soda Bottle Magnetometer	No	Ronald W Reagan/Doral Senior	Excellent
Bernardo, Shea	11	Amca Fan Performance Curve	No	Christopher Columbus High	Excellent
Blanco, Luke	11	Which Creates Louder Feedback?	No	Christopher Columbus High	Excellent

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Bland, Charnelle	12	Ocean Acidification And The Post Metamorphic Growth Of Lytechinus Variegatus	No	Maritime & Science Technology	Superior
Borgert, Brooke	11	Effects Of Light Permeation On Chlorophyll A/B Ratios Of Avocado Plant Leaves And The Possible Effects On Crop	No	Coral Reef Senior High	Superior
Boursiquot, Kyle	10	Hot Ice: Sodium Acetate Trihydrate	No	North Miami Senior High	Excellent
Calles, Jonathan	10	The Effect Of Linear Density On The Rate Of Loss Of Resonant Frequency Of Guitar Strings	Yes	Belen Jesuit Preparatory School	Superior
Cam, Bryan	11	The Effect If Deimination On Neurite Outgrowth	Yes	North Miami Beach Senior High	Superior
Campbell, Alan	10	Building Green	No	Maritime & Science Technology	Superior
Cardenas, Hector	12	The Effect Of Mass And Engine Location On The Power Consumption Of A Robotic Vehicle	Yes	Hialeah Senior	Excellent
Castanon, Jennifer	10	The Effects Of Red Bull	No	Southwest Miami Senior High	Honorable Mention
Cervoni, Daniel	10	Accuracy Of Digital Templating In Preidicting Total Knee And Hip Arthroplasty	No	Christopher Columbus High	Excellent
Chaviano, Michelle	9	Does Physical Exercise Affect The Learning Ability?	No	Barbara Goleman Senior High	Excellent
Chin, Ashley	9	Cricket Conditions	No	Terra Environmental Research	Excellent
Chomat, Daniel	10	Pressure Differences In A House During Hurricane Force Winds	No	Christopher Columbus High	Superior

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Chyr, Jacqueline	12	The Act Of Recombination	No	North Miami Beach Senior High	Excellent
Cornwell, Alexis	11	Chemiluminescence	No	North Miami Beach Senior High	Superior
Correoso, Kelly	10	What Angle Results In The Greater Horizontal Distance?	No	Southwest Miami Senior High	Excellent
Cortes, Michelle	12	Papain Papaya	Yes	Southwest Miami Senior High	Excellent
Coulter, Adrian	11	The Effect Of Fertilizer (Organic And Chemical) On The Production Of Tomatoes.	No	Miami Carol City Senior High	Excellent
Curry, Acarisha	11	The Effect Of Sucrose On The Rising Size Of Cornbread.	No	Cope Center North	Excellent
Diaz, Brian	10	Death By Magnetism	No	Mater Academy Charter High	Excellent
Epstein, Aaron	12	Efficient Mass Transportation	No	Dr Michael M Krop Senior High	Superior
Erdozain Jr., Jack	9	Dirt Cheap Electricity	No	Westminster Christian School	Superior
Filpes, Justin	9	How Differing Light Wavelengths Affect The Rate Of Fruit Decay	Yes	Westminster Christian School	Superior
Fiore, Albert	10	Antibodies In Action	No	Christopher Columbus High	Excellent
Fried, Daniel	10	Paintball Projection	No	Miami Springs Senior High	Excellent

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Garcia, Dante	10	Ready Set Go!	Yes	Hialeah Gardens Senior	Excellent
Gayoso, Adam	11	Variations Of Endosulfan Sulfate Levels Across Specific Spectrums In Loveland Slough, Everglades	No	Dr Michael M Krop Senior High	Superior
Georgoulakis, Theano	9	Strawberry Shortcake: Effect Of Fruit Ripeness On Dna Extraction.	Yes	Archimedean Upper Conserv Char	Excellent
Giraldo, Crystal	11	Ready, Set, Absorb!	No	Mater Academy Charter High	Excellent
Gudiel, Marissa	9	How Strong Is Hair?	No	North Miami Senior High	Excellent
Harrington, Nicholas	10	Diagonal Bracing On Bridges	No	Maritime & Science Technology	Honorable Mention
Hernandez, Brenda	9			South Dade Senior High	Excellent
Jennifer, Lorenzo	9	Aquatic Biosphere	No	Westland Hialeah Senior High	Superior
Johnson, Yarlani	9	The Effect Of Driving A Truck With Its Hatch Open.	No	North Miami Beach Senior High	Excellent
Junghahn, Bettina	10	Mind Blowing Colors	No	Maritime & Science Technology	Superior
Lam, Brandon	11	Chemo-Taxonomy (Persera Americana) Races	No	Miami Southridge Senior High	Superior
Lara, Luis	9	Is The Ammount Of Vitamin-C In Orange Juice Affected By Light?	No	Miami Lakes Educational Center	Excellent

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Lawson, Tiara	11	The Effect Of Time On The Level Of Vitamin C In Juice!	No	Cope Center North	Honorable Mention
Ly, Helen	11	Visual Search	No	Southwest Miami Senior High	Excellent
Maguire, Mark	10	The Most Efficient House Shape	No	Christopher Columbus High	Excellent
Martin, Shanique	12	The Effect Of Mucin 4 On The Expression Of Her2, Her3 And Her4 In Breast Adenocarcinoma Cells	No	Maritime & Science Technology	Superior
Martinez, Niyel	12	Marijuana Affect	No	Miami Jackson Senior High	Honorable Mention
Maspons, Raymond	9	The Effects Of Age On The Results Of A Coordination Game, Specifically The Stag Hunt	Yes	Archimedean Upper Conserv Char	Superior
Matamala, Nicole	9	Metamorphosis Chiller	Yes	Terra Environmental Research	Superior
Medina, Enit	12	Demonstrate Newston'S Third Law Of Motion	No	Southwest Miami Senior High	Excellent
Moas, Rafael	11	Seawater Adn Wetland Restoration Through Determination Of Phosphate Concentrations	No	Christopher Columbus High	Superior
Moas, Victor	12	Breaking The Dormancy Of S. Mexicana Seeds	Yes	Christopher Columbus High	Superior
Montano, Nicolas	10	Will It Grow?	Yes	Maritime & Science Technology	Superior
Montenegro, Matthew	10	On Bended Knee	No	Ronald W Reagan/Doral Senior	Excellent

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Morales, Katherine	9	Are More Expensive Golf Balls Worth It?	No	Barbara Goleman Senior High	Excellent
Morales, Sergio	10	Clank-21	No	Southwest Miami Senior High	Honorable Mention
Morgan, Dorothy	9	Annie The Knee	No	Mater Academy Charter High	Excellent
Narciso, Daniel	11	Seawater And Wetland Restoration Through Siver Nitrate Titration Method And Redox Titration Method	No	Christopher Columbus High	Superior
Nehme, Elizabeth	10	What Is The Effect Of Height On Velocity	No	Hialeah Gardens Senior	Superior
Nunez, Jennifer	12	The Effect Of Solar Energy On Natural Substances	No	Cope Center North	Excellent
Oliva, Frank	11	Which Wavelength Of Visible Light Has The Most Amount Of Diffraction?	No	Belen Jesuit Preparatory School	Excellent
Pacheco, Brandon	9	Suspension Bridges Vs. Truss Bridges	No	William H. Turner Technical	Excellent
Paulino, Yoselyn	9	Who'S Got The Better Liver?	No	North Miami Senior High	Excellent
Perez, Christian	11	Do The Signals Of Weak Electric Fish Affect Their Breeding?	No	Christopher Columbus High	Excellent
Perez, Jessica	9	Effects Of Different Water Purification Methods On Water	No	South Miami Senior High	Excellent
Perez, Luis	11	Strenght Of An Electromagnet	No	Southwest Miami Senior High	Excellent

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Perez-Arias, Laura	10	Point Of Impact	No	Southwest Miami Senior High	Excellent
Perry, Jarquerria	10	The Effect Of Soil Microbes On Decomposition Of Carrots At Various Temperatures.	Yes	Miami Carol City Senior High	Excellent
Platon, Ketty	11	Do Oranges Gain Or Lose Vitamin C After Beening Picked?	No	Miami Edison Senior High	Excellent
Precht, Lindsey	11	Techniques For Mapping And Assessing Populations Of The Threatened Elkhorn Coral, Acropora Palmata, On Coral Reefs	No	Gulliver Preparatory	Superior
Prendergast, Jonathan	12	Interpreting The Nutrient Limitation, Salinity, And Seasonal Variations Of Florida Bay In Order To Analyze Shifts In	No	Felix Varela Senior High	Superior
Prieto, Cristian	9	Tremendous Tomatoes	No	Hialeah-Miami Lakes Senior	Excellent
Qyyum, Samantha	10	The Effects Of Turbidity Levels In Water Environments	No	South Miami Senior High	Excellent
Ramchandran, Renuka	9	The Synergistic Effect Of Turmeric Force On Gemcitabine Cytotoxicity In Pancreatic Cancer Cells By Modulation Of Apoptosis	No	John A Ferguson Senior High	Superior
Restauro, Alyssa	9	Effects Of Ethylene Gas On Plant Growth	No	North Miami Beach Senior High	Honorable Mention
Reyes-Hadsall, Sophia	9	Can Bacteria Get A Sunburn?	No	Terra Environmental Research	Excellent
Riehl, Eric	9	Does Surface Area And Angle Measure Of A 3D Object Affect The Scattering Of Light As Measured By A Receiver Making	No	Westminster Christian School	Superior
Rodriguez, Michael	10	Dismantling Bacterial Offenses That Cause Debilitating Human Infections By Jamming Their Communication	No	Christopher Columbus High	Superior

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Ronconi, Michael	11	Bay Vista Restoration Research Project At Biscayne Bay Campus	No	Christopher Columbus High	Superior
Roy, Rais	9	Deforestation & Erosion By Water	No	North Miami Senior High	Excellent
Salas, Michelle	11	"Egg-Citing" Packaging Materials	No	Dorothy M. Wallace Cope Center	Excellent
Sallee, Ian	10	Spf: Does It Matter?	No	North Miami Beach Senior High	Excellent
Sanchez, Christopher	12	Quantifying Hydroperiod Fluctuations Across An Everglades Wetland Through Microscopic Analysis Of Siliceous	No	Felix Varela Senior High	Superior
Sanzetenea, Andrew	9	What'S In My Water?	No	North Miami Beach Senior High	Excellent
Segal, Claudia	9	What Is The Effect Of Magnets On The Growth Of Radish Seedlings?	No	Young Women'S Preparatory Acad	Excellent
Serrano, Kenny	10	Going Green	No	Mater Academy Charter High	Excellent
Shelton, Michael	9	Alternate Fuel Sources	No	Westminster Christian School	Excellent
Sosa, Henry	10	The Extreme Survivor Challenged By Light	Yes	Belen Jesuit Preparatory School	Superior
Suarez, Ana	9	Juice It Up	No	Miami Lakes Educational Center	Excellent
Swanson`, Nicole	11	The Efficiency Of Heat Energy In Vegetable Oil	Yes	Maritime & Science Technology	Excellent

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Valiente, Quintin	12	Energy To Blow You Away	No	Mater Academy Charter High	Excellent
Velazquez, Melissa	11	Over Expressed	No	Mater Academy Charter High	Excellent
Velez, Darlene	10	Oceans Of Acid	Yes	Southwest Miami Senior High	Superior
Velis, Jose	10	Silver Nanoparticles To The Rescue: An Alternative Therapy For Pseudomonas Aeruginosa Infection	No	Christopher Columbus High	Superior
Veliz, Veronica	9	The Effect Of Nicotine, Caffeine And Alcohol On Earthworms.	Yes	Archimedean Upper Conserv Char	Excellent
Wandembergh, Michelle	9	What Is The Different Water Quality In Lakes?	No	Hialeah-Miami Lakes Senior	Excellent
Wang, Shixiu	9	What Insulates Houses Better?	No	Miami Lakes Educational Center	Excellent
Wilson, Barnett	12	Marvel Vs D.C.	No	Miami Jackson Senior High	Honorable Mention
Winslow, Kevin	10	Optimal Power Of Photovoltaic Cells And Visible Light	No	Maritime & Science Technology	Excellent
Wong, Melisa	12		No	Dr Michael M Krop Senior High	Superior
Zimmer, Corey	10	Bay Vista Restoration Project: Sulfide And Sulfate In Seawater	No	Christopher Columbus High	Excellent