

School	First Name	Last Name	Grade	Category	Project Title
Archimedean Upper Conservatory	Shiva	Kangeyan	10	Microbiology	Uncovering the secrets of alginate production in Psuedomonas aeruginosa, the number one killer of cystic fibrosis patients
Blessed Trinity Catholic School	Daniela	Rodriguez	6	Engineering: Electrical and Mechanical	How a Race Car's Suspension Firmness affects Velocity: Soft, Medium, or Hard Spring Rate Settings?
Dr. Michael M. Krop High	Thomas	Blachman	12	Mathematical Sciences	Eminem has Entropy
Dr. Michael M. Krop High	Benjamin	Englard	11	Computer Science	Decreasing Latency on a Distributed Microblogging System
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?
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
G.W. Carver Middle	Alexander	Monnier	8	Biochemistry	Why is it Growing?
George W. Carver Middle	Erica	Alonso	8	Behavioral and Social Science	Catch Me If You Can
George W. Carver Middle	Jose	Orozco	8	Mathematical Sciences	Spidrons: A Mathematical Analysis of Spiraling Triangles
George W. Carver Middle	Anika	Wikramanayake	8	Environmental Sciences	A Prickly Situation
Gulliver Prep	Aleksis	Garcia	10	Medicine and Health	Ablation Catheter Experiment
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
Highland Oaks Middle	Nicole	Odzer	8	Environmental management	The Effect of Warmer Ocean Temperatures and Photosynthetically Active Radiation on Coral Bleaching
John A. Ferguson Senior	Ashwin	Bhat	10	Medicine and Health	The Biocompatibility of Graphene and Osteoblasts

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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
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
Miami Lakes K-8 Center	Yenny	Dieguez	8	Engineering: Electrical and Mechanical	VAWT Wind Farm Configuration Efficiency based on Schools of Fish
Norman S. Edelcup/S.I.B.	Daniel	Rub	7	Biochemistry	To Fluoridate OR Not to Fluoridate: That is the Question
North Miami Beach Senior High	Brandon	Benjamin	12	Cellular and Molecular Biology	Functional Applications of GABA in the Islet of Langerhans
South Miami Senior High	Rachel	Quintana	9	Plant Sciences	Does Vitamin B-Complex Affect the Growth of Cachucha Peppers
Terra Env. Res. Institu	Kristina	Rodriguez	11	Biochemistry	Mitochondrial DNA Haplogroup Analysis in Tibet
Terra Env. Res. Institu	Stacy	Soriano	11	Cellular and Molecular Biology	<i>Artemisia Tridentata</i> Vaseyana Possesses Anti-Proliferative Activities
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
Westminster Christian School	Clint	Chilson	9	Engineering: Electrical and Mechanical	Optimizing Efficiency of Coil Guns
Westminster Christian School	Jack	Erdozain Jr.	11	Chemistry	The Electrochemical Effects of Saccharides on the Voltage Output of a Microbial Fuel Cell Using <i>Penicillium Chrysogenum</i>
Westminster Christian School	Eric	Riehl	11	Engineering: Electrical and Mechanical	Street Smart
Winston Park K-8 Center	Jaquelin	Aguilar	8	Animal Sciences	Snails Going Green
Winston Park K-8 Center	Laura	Gonzalez	8	Engineering: Electrical and Mechanical	Smoke Detectors
Winston Park K-8 Center	Dairene	Leon	8	Behavioral and Social Science	Male Visual Acuity Vs. Female Visual Acuity
Winston Park K-8 Center	Danielle	Malkin	8	Medicine and Health	Quick Stitch: The Effect of Tension on Surgical Suture Thread