

2012 Science/Engineering and Inventors Fairs Awards by School				
LA Ainger Middle				
Lauren	Boyce	How do fears change with age	Behavioral/Social Science	2nd Category
Robert	Cerami	Trebuchet Arm Lengths	Physics/Astronomy	HM Category
Brian	Delaney	The trip trap guard	Environmental Science	HM Category
Kelsey	Hansen	Oil Spill	Environmental Science	2nd Category
Sean	Hinkle	Trebuchet Arm Lengths	Physics/Astronomy	HM Category
Eleanor	Keys	The use of ocean solution as a watering medium & it's impact on plant growth	Plant Science	1st Category; 4-year FGCU Scholarship, State Finalist
Carissa	Lawson	Microbial Fuel Cell	Engineering: Electrical/Mechanical	HM Category; FGCU Summer Research Opportunity
Sarah	Lown	Why use gas when you could use gas!	Energy & Transportation	Inventors Fair Awards: Overall winner middle school division; James and Eleanor Newton Scholarship; FPL Energy Award; Seminole Gulf RR Awards; Science Fair: HM Category
Skylar	Mcllvanie	Color Psychology	Behavioral/Social Science	3rd Category
Alexandria	Medico	Racing for a Mission	Energy & Transportation	FGCU Summer Research Opportunity
Dominic	Moore	Pappus Chain Theorum	Math	1st Category; 4-year FGCU Scholarship, State Finalist
Katie	Redmann	Flash Focusers	Physics/Astronomy	HM Category
Sean	Robinson	Pappus Chain Theorum	Math	1st Category; 4-year FGCU Scholarship, State Finalist
Makayla	Smith	How do fears change with age	Behavioral/Social Science	2nd Category; FGCU Summer Research Opportunity
Shannen	Smith	Soil quality at construction sites	Chemistry	HM Category; FGCU Summer Research Opportunity
Rebecca	Thompson	Transpiration Rates & Surface Area: Do they relate?	Plant Science	2nd Category
Hope	Webb	Oil Spill	Environmental Science	2nd Category

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Murdock Middle				
Summer	Luterotty	How to guarantee fresh bread	Chemistry	1st Category; 2-year ESC Scholarship
Christina	Vallone	May I have one Number 2, please hold the pathogens	Microbiology	3rd Category
Anthony	Vigliotti	Healthy Poisons	Plant Science	3rd Category
Hayden	Wilder	Rain, rain, go away	Environmental Science	1st Category; 4-year FGCU Scholarship, State Finalist
Hazen	Williams	Efficacy of Sunscreen	Medicine/Health Science	HM Category; FGCU Summer Research Opportunity
Port Charlotte Middle				
Nicolas	Ayers	Solar Powered Water Desalination	Chemistry	2nd Category
Mandy	Bonefeld	The cancer genome anatomy project	Medicine/Health Science	HM Category
Chris	Daniele	Propel, accel, and away	Engineering: Electrical/Mechanical	HM Category; Certificate & Medallion from U.S. Navy/U.S. Marine Corps
Grant	Marsh	Which pipe material is most efficient	Engineering: Electrical/Mechanical	Certificate & Medallion from U.S. Navy/U.S. Marine Corps
Alfredo	Ortega	Hurry Kane! El Nino is coming	J-EarthSci-08	1st Category; 4-year FGCU Scholarship, State Finalist ; Certificate from American Meteorological Society
Katy	Stamps	Bacterial PacMan	J-BioChem-08	HM Category
Punta Gorda Middle				
Katherine	Arnold	Are you scared yet?	Behavioral/Social Science	3rd Category
Chevy	Boegel	Which airfoil design creates the greatest lift?	Engineering: Electrical/Mechanical	Certificate & Medallion from U.S. Navy/U.S. Marine Corps
Nicole	Burg	Radiation from cell phones	Energy & Transportation	3rd Category; FGCU Summer Research Opportunity
Andres	DeHayes	Making it Shipshape: Hull Design and Hydrodynamics	Engineering: Electrical/Mechanical	HM Category; Certificate & Medallion from U.S. Navy/U.S. Marine Corps
Alara	Guvenli	Do you hear what I see? A study of auditory and visual memory skills	Behavioral/Social Science	2nd Category
Anisa	Khan	Round & Round: How motor design affects speed and efficiency	Engineering: Electrical/Mechanical	3rd Category
Kendra	Kotlarski	Greywater vs. Purified	Plant Science	HM Category
Olivia	Palmer	Turn Up the Heat: How does heat affect the ocean currents	Energy & Transportation	Certificate from American Meteorological Society
Joe	Parent	Mind, Music, and Movies: Can the human brain identify the correct music to a movie scene?	Behavioral/Social Science	HM Category
Ashleigh	Rankin	How does playing different types of music affect someones ability to comprehend math problems	Behavioral/Social Science	2nd Category
Matt	Winter	Do veterinary drugs affect heart rate?	Medicine/Health Science	3rd Category

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Charlotte High				
Samantha	Burnett	Phototropism	Plant Science	HM Category
Franklin	DePaul	BioBarrier	Environmental Manageme	3rd Category; Argonauta Award \$1000 Scholarship
Alexander	DePaul	BioBarrier	Environmental Manageme	3rd Category; Argonauta Award \$1000 Scholarship
Nadia	Kemal	Analyzing Mercury Concentrations in Water Sources with Brassica Rapa Through a Pure Mercury Calibration Curve Using UV-Vis Spectroscopy, Atomic Absorption, and Linear Regression Statistical Analysis	Environmental Manageme	1st Category; Argonauta Commendation; Best of Fair; 4-year FGCU Scholarship; State and International Science/Engineering Fairs Finalist ; Certificate & Medallion from NOAA; Stockholm Junior Water Prize & invitation to state competition; \$500 Cash Award from Association of University Women
Sydney	Lazic	Measuring Memory	Behavioral/Social Science	3rd Category
Nicole	Miller	Analyzing Mercury Concentrations in Water Sources with Brassica Rapa Through a Pure Mercury Calibration Curve Using UV-Vis Spectroscopy, Atomic Absorption, and Linear Regression Statistical Analysis	Environmental Manageme	1st Category; Argonauta Commendation; Best of Fair; 4-year FGCU Scholarship; State and International Science/Engineering Fairs Finalist ; Certificate & Medallion from NOAA; Stockholm Junior Water Prize & invitation to state competition; \$500 Cash Award from Association of University Women
Shannon	Norton	Survival of the Water Bears	S-AniSci-02	2nd Category
Matthew	Coward	The Long and Short of it	Plant Science	HM Category; \$25 Cash Award from FAST
Tamra	Crystal	Ethics & You! Family Edition	Behavioral/Social Science	3rd Category
Kayla	Gleason	Hazardous waste contaminated brownfield bioremediation	Environmental Manageme	2nd Category
Angelique	Noles	A second year study of "Audiotropism": Using the growth of Phaseolus Vulgaris with Pitch-Induced Vibrations	Plant Science	1st Category; 4-year FGCU Scholarship, State Finalist ; Certificate from U.S. Metric Association
Isabella	Sanchez	Does music improve a dancer's memory	Behavioral/Social Science	2nd Category
Natalie	True-	Hazardous waste contaminated brownfield bioremediation	Environmental Manageme	2nd Category

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Lemon Bay High				
James Wyatt	Babington	Solar Saver	S-E&Tran-03	3rd Category; \$250 Cash Award from FPL
Matthew	Cartland	Dimples & Distance	Physics/Astronomy	HM Category
Sophie	Cattermole	Banana Power	Plant Science	3rd Category
Laura	Delaney	The vehicle extreme temperature alarm system w/cellular dispatch for unattended children 2)	Engineering: Materials/Bio	1st Category; 4-year FGCU Scholarship, State Finalist ; Certificate from U.S. Army
Catherine	Friedline	Saving a Life	Medicine/Health Science	2nd Category
Kaitlyn	Hansen	The impact of perscribed burning upon the pH and nitrates of soil within a mesic flatwood: The Myakka River State Forest	Environmental Managemen	\$100 Cash Award from CHNEP
Alexandria	Murphy	The correlation between birth order and personality	Behavioral/Social Science	1st Category; 2-year ESC Scholarship; Certificate from APA
Cody	Rowley	Water Drops & Sparks	Engineering: Electrical/Mer	2nd Category
Richard	Sommers	Hot Science	S-EnvSci-04	2nd Category
Katie	Wiley	Strongest Roof Truss	Engineering: Materials/Bio	2nd Category
Montana	Williamson	Titlelists: How the different types affect your game	Physics/Astronomy	HM Category
Alex	Wilson	Water Drops & Sparks	Engineering: Electrical/Mer	2nd Category
Port Charlotte High				
Lauren	Clark	Insulation and Ice	S-Chem-07	HM Category
Hanna	Cox	The Up's and Down's of Sugar	S-Chem-08	3rd Category
Alex	Harvey	Cross Section Analysis	Physics/Astronomy	Certificate & medallion & \$50 Cash Award from U.S. Navy/U.S. Marine Corps
Jordan	Manalili	Bubble Correlation	Chemistry	HM Category
Zoe	Skowronski	The relationship between test-anxiety and GPA	Behavioral/Social Science	3rd Category; \$25 Cash Award
Emily	Treasure	A Sweet Reaction	Chemistry	2nd Category

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Charlotte Academy				
Jared	Bivens	Whitch type of water is the safest to drink?	J-MicroBio-02	2nd Category; FGCU Summer Research Opportunity
Ricky	Li	Turn plants into biofuel with the power of enzymes	J-BioChem-04	1st Category; 4-year FGCU Scholarship, State Finalist ; \$100 Barnes & Noble Gift Card
Sierra	Magurczek	The effects of sodium polyacrylate on the sustainability of grass during drought season	Environmental Manageme	2nd Category; FGCU Summer Research Opportunity
Edison Collegiate High				
Ashley	Campbell	Plant Adaptation	Plant Science	2nd Category
Kaycie	Erickson	Plant Adaptation	Plant Science	2nd Category
St. Charles Borromeo				
Ava	Bolien	Can a person recognize the gender of another human by pictures of bare feet?	Behavioral/Social Science	HM Category
Nicole	Constance	A Sticky Situation	Chemistry	2nd Category; Certificate from U.S. Air Force
Olivia	Humpel	Which soil amendment best affects bean plant growth	Plant Science	1st Category; 2-year ESC Scholarship
Hanna	Strand	Nitrogen levels in Charlotte Harbor	Environmental Science	HM Category