

## Environmental Science Projects

- ES-01 Aameena Peters** Monitoring the Different Concentrations of Carbon Dioxide in a New York City Classroom
- ES-02 Anthony Lopez** A study of the Striped Bass In the Marine District of New York State: Juvenile Striped Bass
- ES-03 Samiyr Abdus-Samad** Seasonal Variation and Vertical Zonation of Marine Biofouling on a Concrete Offshore Windmill Foundation on the Thronton Bank
- ES-04 Brian Arevalo + Sky Strang** Comparing Ammonia Levels Between the East and West Sides of Governors Island
- ES-05 Makeda Bloomfield** Enhancement of Local Air Pollution by Urban CO2 Domes
- ES-06 Amy Mahon** The Effect of Adult Piping Plover behavior and adaptations towards the Survival of Chicks
- ES-07 Bala Ronan** Oyster Reef at Risk and Recommendations for Conservation, Restoration, and Management
- ES-08 Shalia Hicks** Ospreys: Diet and Spatial Diversity
- ES-09 Jeremy Maldonaldo** Measurements of Enterococci Bacteria in the Hudson River
- ES-10 Kendall Roberts** Osprey: *Pandion haliaetus*
- ES-11 Garcella Sims** Comparing Fish Population Around Governors Island and Sound View Associated to Oyster Formation Using DIDSON
- ES-12 Cecilio Benn** Mercury in NYC
- ES-13 Jacqueline Rosario** Water circulation and coastal trapping of brackish water in a tropical mangrove-dominated bay in kenya
- ES-14 Deanaia JeanPierre** Oyster restoration in North Carolina: Recommendations for Improvements in Techniques and Monitoring
- ES-15 Sheridian Duncan** The introduction of coastal infrastructures as a driver of change in marine environments
- ES-16 Tiang Belgrove** Effects of Oyster Restoration on the biomass of phytoplankton
- ES-17 Thoma Barwick** Ospreys
- ES-18 Harmony Strang** Measurement of Enterococci Bacteria in the Hudson River
- ES-19 Samantha Rhodes** Measurements of Enterococci Bacteria in the Hudson River



# 1st

## THE URBAN ASSEMBLY New York HARBOR SCHOOL



### Science and Engineering Fair

# 2012

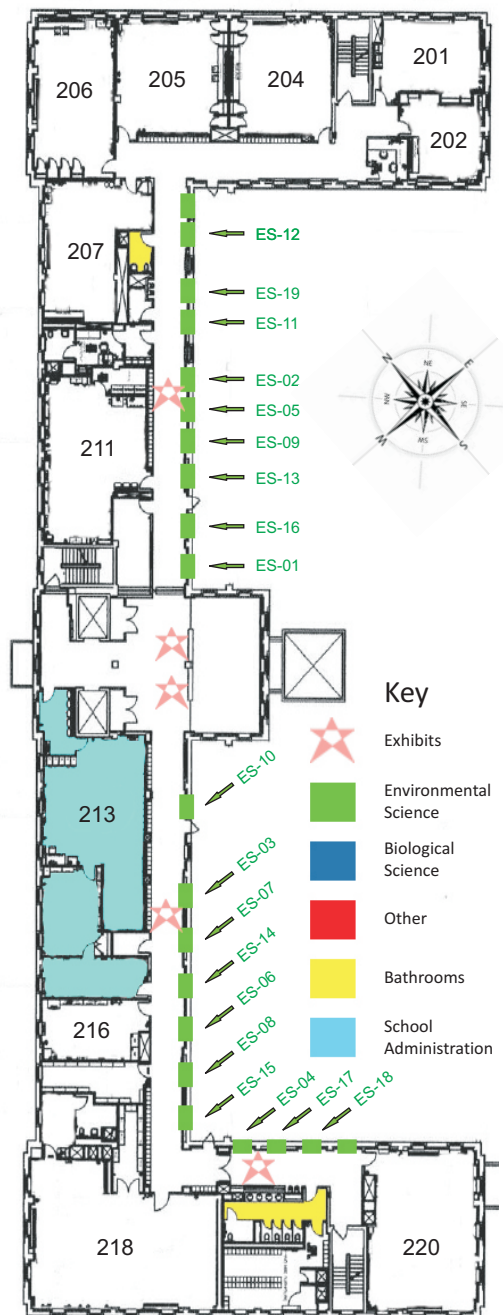


## Biological Science Projects

- Bio-01 Marc Rivera** Music and How it Affects Heart Rate
- Bio-02 Raees Mohammed** The Amoebocyte - Producing Organ of *Planorbis cornus*, *Planorbis planorbis* and *Succinea putris* Snails
- Bio-03 Stephanie Rodriguez** Effect of Magnesium on Photosynthesis and Respiration on Basil Plants Growth
- Bio-04 Jasmine Hernandez** Testing the Effects of Nutrient Fertilizer on Plant Growth
- Bio-05 Ja'onna Joye** Development of, and Seasonal Changes in the Reproductive System of the *Achatina fulica*
- Bio-06 Ileana Leon** Tonsilloliths: Not Just a Stone But a Living Biofilm
- Bio-07 Kimberly Morales** Female and Male Behavior During Mating Season of the Atlantic Horseshoe *Limulus polyphemus* crab In Jamaica Bay
- Bio-08 Rosaly Nunez** The ABC Protein Turned Chloride Channel Whose Failure Causes Cystic Fibrosis
- Bio-09 Pablo Jimenez** *Enterococcus faecalis* Survives and Proliferates in the House Fly Digestive Tract
- Bio-10 Bazl Taliaferrow-Mosleh** Reversal of Depressed Behaviors by p11 Gene Therapy in the Nucleus Accumbens
- Bio-11 Danial Little** Testing The Effects of Nutrient Fertilizers Affecting Basil Plant Growth

## Other Projects

- O-01 Joshua Nieves** The History of Art Deco
- O-02 Jahnica Ottley** Animal Cruelty: Lets be the Voice for the Ones Who Don't Have One
- O-03 Ahyrton Vasquez** Bullying
- O-04 Elizabeth Fung** Subjectivity and Bias in Competition Yo-yoing
- O-05 Darion Roberto** Is The Two Party Political System Detrimental in Helping the U.S. Economy Recover?
- O-06 Sergio Paredes** The Rise of Vertical Farms



# URBAN ECOLOGY New York MARINE BIOLOGY

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