



LI Science & Engineering Fair, Inc.

Promoting Excellence in Scientific Inquiry and Discovery in LI Schools

Middle School 2019 Award Winners

Award	Name	School	Title
First	Caroline Crouchley	Garden City Middle School	<i>Rethinking Hyperloop: Using Pneumatic Tube Technology and Magnetism to Improve Railway Efficiency</i>
First	Dillon Moi, Adhith Jacob	Grand Avenue Middle School	<i>Is it Possible to Create More Functional Smartwatch?</i>
First	Gabriella Simal, Sahara Partap, Mackenzie Filosa	Grand Avenue Middle School	<i>How Does Feeding C.elegans vs. Planaria Allergy Medication Affect their Longevity?</i>
First	Henry Mercier	East Woods School	<i>What is the Dirtiest Place ?</i>
First	Jessica Blumberg	Grand Avenue Middle School	<i>Do different amounts of Lactobacillus acidophilus in a solution with water cause Wisconsin fast plants to grow taller?</i>
First	Lily Knobel, Gabriella Reluzco	Oceanside Middle School	<i>Are Your Contact Lenses Safe?</i>
First	Massimo Marino	Grand Avenue Middle School	<i>What are the Effects of Vitamins B2, B6, B12, and C on Raphanus sativus?</i>
First	Mohanasundaram Kumanan, Harvey Long, Charles Huang	Great Neck South Middle School	<i>Can Plants Grow Efficiently Using Artificial Light?</i>
First	Ryan Kurz, Dhruv Patel, Joshua DeLuccia	W. T. Clarke Middle School	<i>The Effect of Air Quality on Solar Power Production</i>
First	Sabrina Ramharakh, Jamila Smith, Farvens U	Howard T Herber Middle School	<i>Testing the Absorbency of the Different Paper Towel Brands</i>
	Siddharth Gilra,	Great Neck	

First	Brayden Chien, Ishaan Zaveri	South Middle School	<i>The Effect of Different Vitamins on Plant Growth</i>
First	Tyler Logan Bissoondial	Grand Avenue Middle School	<i>Identification and Characterization of Salt-Tolerant (stl) Mutants in Raphanus sativus</i>
Second	Alice Sztabinski	Copiague Middle School	<i>Hidden Danger of Dirty Instruments</i>
Second	Amit Saha, Justin Choi, John Chen	Great Neck South Middle School	<i>The Effect of Magnetism on the Growth of Plants</i>
Second	Ariel Landa	Oceanside Middle School	<i>Will a Liquid or Solid Antacid Neutralize Stomach Acid Faster?</i>
Second	Ava Dimuzio, April Alton	Oceanside Middle School	<i>Which Spices are Best at Controlling Bacteria?</i>
Second	Ava Blau, Janine Chi	Oceanside Middle School	<i>What is the Effect of Heat Radiation of the Growth of Radish Plants?</i>
Second	Leonard Gu	Locust Valley Middle School	<i>How is Climate Change Affecting the Severity of Hurricanes?</i>
Second	Lyba Khan	Great Neck South Middle School	<i>Effect of pH on Growth of Wisconsin Fast Plants</i>
Second	Michelle D'Antonio	Robert Frost Middle School	<i>The Dirtiest Surface in a School</i>
Second	Rachel Woo, Sidney Wong	Great Neck South Middle School	<i>The Effect of Temperature on the Amount of Vitamin C in an Orange</i>
Second	Sophia Moore, Sofia Passariello	W. T. Clarke Middle School	<i>The Effect of Coastal Landform Structure on Erosion</i>
Second	Tristan Wan, Aidan Din, Edward Huang	Great Neck South Middle School	<i>Does Playing Music Make You Smarter?</i>
Second	Tyler Brechner, Linda Li, Anjelica Wu	Richard S Sherman Great Neck North Middle School	<i>Ready, Set, Tap!</i>

Third	Andrew Trinagle	East Woods School	<i>Is It Worth the Worry?</i>
Third	Avery Davis	Friends Academy	<i>How Do Varied Gas Concentrations Affect Drosophila?</i>
Third	Cameron Franceschina, Hayden Schneider	Grand Avenue Middle School	<i>What are the Effects of Valerian Root vs. Melatonin on Drosophila melanogaster?</i>
Third	Christopher Sanchez	Grand Avenue Middle School	<i>What are the Effects of Anti-angiogenic Foods vs. Junk Food on the Pulse Rate of Lumbriculus variegatus Worms?</i>
Third	Claire Baek, Sheila Bakhtari, Jazz Ambeguia	W. T. Clarke Middle School	<i>The Effect of Seawall Shape on Coastal Building Damage</i>
Third	Deirdre Fallon	Locust Valley Middle School	<i>How does the Concentration of Magnesium Sulfate Affect the pH of an Electrolyte Cell?</i>
Third	Gianna Cedrone	East Woods School	<i>Are Microban Polymer-Based Chopping Boards Safer than Plastic Chopping Boards?</i>
Third	Miles Powell	Bay Shore Middle School	<i>Are You Smarter than a Seventh Grader?</i>
Third	Paul Colella, Jack Schulz	Oceanside Middle School	<i>Are More Microorganisms Airborne when a Toilet is Flushed with the Lid Open or Closed?</i>
Third	Saharsh Peddireddy	Commack Middle School	<i>AI to the Rescue!</i>
Third	Sophia Ruperto, Amanda Connolly, Kiera Heavey	W. T. Clarke Middle School	<i>The Effect of Different Filtration Methods on Water Quality</i>
Third	Sophia Zarakhsh	Robert Frost Middle School	<i>Dissolving Rates Of Ibuprofen In Different pH</i>
Honorable Mention			
Honorable Mention	Adam Akaeze, Nelson Crawford, Niles Wilson	Howard T Herber Middle School	<i>The Efficacy of Different Fertilizers on Plant Growth</i>
Honorable Mention	Bryan Youn	Commack Middle School	<i>Collecting Plastics Using a Mobile Sea Device</i>
Honorable	Giselle Peralta, Shenn	Copiague	

Mention	Barredo	Middle School	<i>Regular vs Sterile Soil</i>
Honorable Mention	Joelie Acosta	Lawrence Middle School	<i>The Power of pH</i>
Honorable Mention	Julianna Lewandowski, Jordan Goldstein, Katie Cedeno	Woodland Middle School	<i>What is the Effect of a Magnetic Fields Strength on the Overall Growth of a Plant?</i>
Honorable Mention	Karolyne Lajera	Oceanside Middle School	<i>The Effect of Light Sources on Escherichia coli</i>
Honorable Mention	Melani Quituisaca	Bay Shore Middle School	<i>Which Substitute is Best?</i>
Honorable Mention	Mia Rozas Catalan, Ryan Vairo	Lawrence Middle School	<i>Musically Distracted</i>
Honorable Mention	Molly Grassini, Jade McAlevey, Cynthia Velez	W. T. Clarke Middle School	<i>The Effect of Sea Wall Material on Tsunami Flooding</i>
Honorable Mention	Rosangel Peralta Plasencia	Copiague Middle School	<i>The Effects of Plastic on Bean Plants</i>
Honorable Mention	Sophia Del Giudice, Clare Simon	Locust Valley Middle School	<i>Which Type of Moisturizer, Humectants, Emollients, or Occlusive Agents Retains Moisture in the Skin the Best?</i>
Honorable Mention	Willa Wang	East Woods School	<i>Soda Flies</i>