



# LI Science & Engineering Fair, Inc.

Promoting Excellence in Scientific Inquiry and Discovery in LI Schools

## Middle School 2017 Award Winners

Award	Name	School	Title
First	Abhiram Marisetti	Hauppauge Middle School	<i>The Power of Nano</i>
First	Ashley Lee	Carrie Palmer Weber Middle School	<i>Food Contamination Due To Release of Electrolytes From Frying Pans</i>
First	David Yang, Michael Jang	Commack Middle School	<i>Can we create an efficient and nonharmful way to create an efficient and nonharmful way to create energy via a bio electricity farm?</i>
First	Drisana Shanthan	Oceanside Middle School	<i>Are your electronic devices really clean?</i>
First	Jack Viscuso	East Woods School	<i>The Science Behind Keeping Skin Hydrated</i>
First	Jadon Logan	Milton L. Olive Middle School	<i>Static Electricity in a Pan</i>
First	Jalaj Mehta	Hauppauge Middle School	<i>Developing an Inexpensive Filter to Remove Microbeads from Water</i>
First	Joel Jonas	Lawrence Middle School	<i>Sanitary Surfaces</i>
First	Matthew Friedman	Oceanside Middle School	<i>Effect of temperature on the electrical output of a microbial fuel cell.</i>
First	Maxwell DeBrino	East Northport Middle School	<i>The Effect of Position, Shape and Ultraviolet Color on the Feeding Behavior of Backyard Birds</i>
First	Omar Lee	Oldfield Middle School	<i>Which Internet Browser is the Most Efficient?</i>
First	Sadie Stadler, Emma Romano	Oceanside Middle School	<i>Spice it up!</i>

<b>First</b>	<b>Salianne Chiu, Sidney Wang</b>	Grand Avenue Middle School	<i>What is the effect of Aloe Vera and caffeine on the regeneration of Planaria dugesia?</i>
<b>Second</b>	<b>Austin Crouchley</b>	Garden City Middle School	<i>Archimedes Inspired Hydro-Powered Solar PV Azimuth Tracking Mechanism: Improving the Efficiency of Renewable Energy in Developing Nations</i>
<b>Second</b>	<b>Chapin Zerner</b>	Commack Middle School	<i>Is there a correlation between coronal mass ejections originating from the sun's surface and the solar sunspot cyclic waxing and waning over an 11 year period?</i>
<b>Second</b>	<b>Gabrielle Lim, Jasmine DeGuzman, Jeena Trinh</b>	W. T. Clarke Middle School	<i>The Effect of House Elevation Structures on Stability during a Flash Flood</i>
<b>Second</b>	<b>Giancarlo Cusimano</b>	Oceanside Middle School	<i>Does peroxide aid in plant growth.</i>
<b>Second</b>	<b>Grant Faber</b>	Hauppauge Middle School	<i>Blonde, Brunette, Red</i>
<b>Second</b>	<b>Ian Bailey</b>	Garden City Middle School	<i>Biopreservativesâ€™ Effect on The Shelf Life of Fresh Berries</i>
<b>Second</b>	<b>Karina Rios, Elise Smith</b>	Freeport - Dodd Middle School	<i>Determining the correlation between redshift (z) and Hubble's law on Expansion</i>
<b>Second</b>	<b>Kate Laico, Carly Herman</b>	Woodland Middle School	<i>The Effect of Location on Water Quality</i>
<b>Second</b>	<b>Kenneth Farry, Justin Guo</b>	W. T. Clarke Middle School	<i>The Effect of Varying Ethanol Temperatures on Energy Output</i>
<b>Second</b>	<b>Max Bardales, Edwin Arroyo, Christian Guevara</b>	Lawrence Middle School	<i>Speed of Light - Reaction Times</i>
<b>Second</b>	<b>Sofia Smith, Emelie Hochwald</b>	Oldfield Middle School	<i>Why Did Over 10,000 Fish Die in Centerport Harbor?</i>
<b>Second</b>	<b>Sophie Laserson, Isabelle White, Julienne Saliou</b>	East Woods School	<i>Does Growing Medium of Plants Affect the Nutrients Absorbed?</i>
<b>Second</b>	<b>Chloe Elizabeth Fish, Autumn Josephine Bongiorno</b>	Rocky Point Middle School	<i>The Effect of Caffeine of Mung Bean plants.</i>

<b>Second</b>	<b>Yosmary Lizbeth Araque, David Jonathan Francois</b>	Turtle Hook Middle School	<i>Sugar The Silent Killer: What Hansel and Gretel Didn't Know!</i>
<b>Third</b>	<b>Anish Shenoy</b>	Hauppauge Middle School	<i>Should You Go Nuts for Nuts?</i>
<b>Third</b>	<b>Ayeisha Lawrence, Giovanna Luna-Menjivar, Sophia Franco</b>	Howard T Herber Middle School	<i>Which plants are the most efficient at Carbon Dioxide uptake?</i>
<b>Third</b>	<b>Daniel Glavan</b>	Locust Valley Middle School	<i>The Effects of Dimple Patterns on Golf Ball Trajectories</i>
<b>Third</b>	<b>Daniela Andrade</b>	Lawrence Middle School	<i>Pesky Pesticides</i>
<b>Third</b>	<b>Declan Maddison, Patrick Masiewicz</b>	W. T. Clarke Middle School	<i>The Effect of Man-made Landslide Barriers on the Amount of Damage to a City</i>
<b>Third</b>	<b>Dimitri Salas</b>	Buckley Country Day School	<i>Snails and Turtle Trails: Using Cyst Data to Understand Terrapin Populations in Jamaica Bay and their Habitats</i>
<b>Third</b>	<b>Farrah Panzarella, Julia Hanrahan, Lola Ann Reese</b>	W. T. Clarke Middle School	<i>The Effect of Jetty Material on the Amount of Coastal Erosion</i>
<b>Third</b>	<b>Kate Weseley-Jones</b>	North Shore Middle School	<i>The Effects of Photos on the Perceptions of Shelter Dogs</i>
<b>Third</b>	<b>Madeline Levine, Meral Eviner</b>	Oceanside Middle School	<i>Reward and hamster maze behavior</i>
<b>Third</b>	<b>Melannie Figueroa, Dana Vilardi, Gianna McKeever</b>	Howard T Herber Middle School	<i>How much electricity can lemons generate?</i>
<b>Third</b>	<b>Myles Hollingsworth</b>	Freeport - Dodd Middle School	<i>Identifying the peak wavelengths in simple sugar concentrations using spectrophotometry</i>
<b>Third</b>	<b>Nicholas Gibbons, Brendan Meserve</b>	Sayville Middle School	<i>Sunshine Home Design</i>
<b>Third</b>	<b>Spencer Kriegstein</b>	East Woods School	<i>A Walk Down Memory Lane</i>
<b>Third</b>	<b>Timothy Langone</b>	Grand Avenue Middle School	<i>Will soybean plants grown in Martian regolith germinate and reach maturity more successfully than if grown</i>

hydroponically?

				hydroponically?
<b>Honorable Mention</b>	<b>Alexander Rodriguez</b>	Hauppauge Middle School		<i>Roller Coaster Marbles</i>
<b>Honorable Mention</b>	<b>Christopher Basile, Anthony Galeotafiore</b>	JFK Middle School		<i>The Effect of Age on Memory and Logic</i>
<b>Honorable Mention</b>	<b>Danielle Hance</b>	Lawrence Middle School		<i>Colloid-ing With Nature</i>
<b>Honorable Mention</b>	<b>Grace Herschberg</b>	Hebrew Academy of Nassau County		<i>Nutritional and Sugar Amounts in Organic and Conventional Fruits and Vegetables</i>
<b>Honorable Mention</b>	<b>Grace Urmaza</b>	Sayville Middle School		<i>The Impact of Lunar Cycles on Bat Activity</i>
<b>Honorable Mention</b>	<b>Matthew Anest, Tyler Cox</b>	W. T. Clarke Middle School		<i>The Effect of Wave Velocity on Coastal Erosion</i>
<b>Honorable Mention</b>	<b>Mitchell Goldberg, Caleb Philip</b>	Woodland Middle School		<i>The Effect of Aquaponics on Fish Tank Environments</i>
<b>Honorable Mention</b>	<b>Nicole Bailey, Genevieve Himmelberg, Shyanne Gardner</b>	Freeport - Dodd Middle School		<i>Application of shape memory alloys to study seismic behavior affecting structures</i>
<b>Honorable Mention</b>	<b>Rebecca Weissman, Evin Spanier</b>	Oceanside Middle School		<i>Factors in the neutralization of stomach acid.</i>
<b>Honorable Mention</b>	<b>Tiffany Godoy</b>	Lawrence Middle School		<i>Sweet Daphnia magna</i>
<b>Honorable Mention</b>	<b>Timothy Mertens</b>	Freeport - Dodd Middle School		<i>How does solar activity influence weather conditions on Earth</i>
<b>Honorable Mention</b>	<b>Tyler Sugrim, Julian Shin</b>	Woodland Middle School		<i>The Effect of House Design on Aerodynamic Drag</i>
<b>Honorable Mention</b>	<b>Alexander Dmitry Zaslavsky, Samuel Eli Moscose</b>	Rocky Point Middle School		<i>Aquaponics:Amphibians and Fish</i>
<b>Honorable Mention</b>	<b>Fiona Grace McEvoy, Ashlynnne Grace Xavier</b>	Rocky Point Middle School		<i>The Effects of Dog Saliva on Bacterial Growth</i>