



1ST

William Morin (Lloyd Harbor School), Kaden Weber (Lloyd Harbor School), Anthony Sierecki Sierecki (Lloyd Harbor School)

Lloyd Harbor School

Examination of the efficiency of perovskite vs silicon solar cells at varying temperatures

1ST

Jada Lin (Great Neck South Middle School)

Great Neck South Middle School

The Effect of Natural Inhibitors on Preventing Conjugation in Ampicillin Resistant E. Coli

1ST

Juniper Lee (Great Neck South Middle School), Selena Long (Great Neck South Middle School), Sabrina Sang (Great Neck South Middle School)

Great Neck South Middle School

Academic Integrity and the Connection Between Morning and Afternoon Class Sections

1ST

Nathan Li (Great Neck South Middle School), Ryan Tsai (Great Neck South Middle School), Kyle Zheng (Great Neck South Middle School)

Great Neck South Middle School

Shining a Light on Enclosed Ecosystems: How does a temperature increase of 1.5°C impact an ecosystem?

1ST

Isabelle Yang (Great Neck South Middle School), Caitlin Chan (Great Neck South Middle School), Victoria Huang (Great Neck South Middle School)

Great Neck South Middle School

Are plant-based cleaners as effective as traditional cleaners?

1ST

Hailey Au (Great Neck South Middle School), Natalie Wu (Great Neck South Middle School), Tonya Zhu (Great Neck South Middle School)

Great Neck South Middle School

Turning the Tide: The Future of Irrigation Through Desalination

1ST

Isabella Rufrano (Copiague Middle School)

Copiague Middle School

Here Comes the Bloom

1ST

Lenna Karwowska (Copiague Middle School)

Copiague Middle School

The Race of the Bioplastics

1ST

Mihir Sathish Kumar (Hauppauge Middle School)

Hauppauge Middle School

Future in Every Drop: Harvesting Blue Energy from Rainwater

1ST

Vaibhavi Hegde (Hauppauge Middle School)

Hauppauge Middle School

Eco-Friendly Hydrogels: A Sustainable Solution for Water Conservation in Farming

2ND

Sean Dietrich (Grand Avenue Middle School)

Grand Avenue Middle School

Does depth or origin have a greater impact on farmed oyster growth?

2ND

Rayan Ahmad (Woodland Middle School), Joslin Shenouda (Woodland Middle School), Avery White

(Woodland Middle School)

Woodland Middle School

What is the effect of cutting board material on the growth rate of bacteria?

2ND

Iris Chen (Woodland Middle School), Rachel Galo (Woodland Middle School), Arielle Winters (Woodland Middle School)

Woodland Middle School

What is the effect of the 5 second rule on the growth of bacteria?

2ND

Emilia Syvertsen (Kellenberg Memorial High School)

Kellenberg Memorial High School

Unlocking the secrets of diabetes medicine: How our genes make a difference?

2ND

Alex Zamerky (Mineola), Dylan Kaufman (Mineola), Michael Gaylor (Mineola)

Mineola

The Effect of Acute Exposure of 2mg Nicotine on the Segment Regeneration in Lumbriculus Variegatus

2ND

Hanlei Chen (Richard S. Sherman - Great Neck North Middle School), Brian Liu (Richard S. Sherman - Great Neck North Middle School), Jayden Wen (Richard S. Sherman - Great Neck North Middle School)

Richard S. Sherman - Great Neck North Middle School

CyanoScience: Tackling the Toxins of Today, Terminating the Toxins of Tomorrow

2ND

Kevin Livian (Richard S. Sherman - Great Neck North Middle School), Jayden Leung (Richard S. Sherman - Great Neck North Middle School)

Richard S. Sherman - Great Neck North Middle School

The Force of a Budget

2ND

Justin Qu (Great Neck South Middle School), Everett Zhou (Great Neck South Middle School), Peyton He (Great Neck South Middle School)

Great Neck South Middle School

Can People Differentiate Between Real and AI-Generated Images?

2ND

Emilio Reyes (Copiague Middle School)

Copiague Middle School

Sports Drink Showdown

2ND

Nicolette Orlando (Copiague Middle School)

Copiague Middle School

UV Rays: Lotion vs. Sprays

3RD

Julia Mordoff (Grand Avenue Middle School), Safana Merhai (Grand Avenue Middle School)

Grand Avenue Middle School

Which plant nutrient, nitrogen versus phosphorus, works to produce the best growth in Brassica var. sabellica measured by height, final mass, root depth, root strength, and leaf color?

3RD

Darsh Singla (Grand Avenue Middle School)

Grand Avenue Middle School

What are the effects of toxic soil from the Grumman Spill on pea plant germination, development, and growth?

3RD

Courtney Holinski (Woodland Middle School), Cassandra Snow (Woodland Middle School), Allison Kim (Woodland Middle School)

Woodland Middle School

What is the effect of surface area and material on the terminal velocity on a falling object?

3RD

Jahane Abidi (W. Tresper Clarke Middle School), Naomi David (W. Tresper Clarke Middle School), Emilia Geo (W. Tresper Clarke Middle School)

W. Tresper Clarke Middle School

The Effect of Different Colored Roofs on their Heat Absorbtion

3RD

Rex Rastegar (Richard S. Sherman - Great Neck North Middle School), Shaya Haghani (Richard S. Sherman - Great Neck North Middle School)

Richard S. Sherman - Great Neck North Middle School

Annihilate That Acne!

3RD

Atharv Dhawan (Great Neck South Middle School), Leeann Lee (Great Neck South Middle School), Zoe Li (Great Neck South Middle School)

Great Neck South Middle School

STAHZAI: Can artificial intelligence accurately predict the habitable zone of a star?

3RD

Emma Frulio (Howard T. Herber Middle School), Raven Goddard (Howard T. Herber Middle School)

Howard T. Herber Middle School

Investigating the Efficacy of Sunscreens: Mineral vs Chemical

3RD

Mya Nunez (Copiague Middle School)

Copiague Middle School

Different Compost, Different Results

3RD

Zoe Nobel (Oyster Bay High School)

Oyster Bay High School

Light Pollution in Oyster Bay

3RD

Ishaan Maheshkumar (Hauppauge Middle School)

Hauppauge Middle School

Eco-Safe and Strong Concrete

H.M

Graham Davis (Friends Academy), Matt Hudak (Friends Academy)

Friends Academy

Exploring the Use of Oyster Mushrooms for the Uptake of Toxins in Pre-runoff Water to Prevent Chemicals from Entering Oyster Bay

H.M

Elaine Zheng (Grand Avenue Middle School), Billie Gazsy (Grand Avenue Middle School)

Grand Avenue Middle School

*What is the effect of temperature on the tunneling habits, measured in speed, of red harvester ants (*P. barbatus*)?*

H.M

Kenneth Kim (Woodland Middle School), Mark LaBarge (Woodland Middle School), Jonathan Persaud (Woodland Middle School)

Woodland Middle School

What is the effect of surface area on the flight path of an airplane?

H.M

Ariana Chinchilla (Howard T. Herber Middle School), Shenieka Grant (Howard T. Herber Middle School), Minnie Joa Feng (Howard T. Herber Middle School)

Howard T. Herber Middle School

The Impact of Density on Conduction in Metals

H.M

Ella Kelch (Howard T. Herber Middle School), Olivia Van De Ven (Howard T. Herber Middle School)

Howard T. Herber Middle School

The Impact of Electricity on the pH of Electrochemical Cells

H.M

Chloe Shen (Locust Valley Middle School), Alexandra Khrikheli (Locust Valley Middle School)

Locust Valley Middle School

Kirby Bauer antibiotic susceptibility test of Tetracycline over multiple generation using E.Coli as a model

H.M

Rebecca Molina (Copiague Middle School)

Copiague Middle School

Catching Fire

H.M

Aiden Napolitano (Hauppauge Middle School)

Hauppauge Middle School

The Effects of Aging on Reaction Time

H.M

Aditri Arun (Hauppauge Middle School)

Hauppauge Middle School

Slow Release Fertilizer vs. Fast Release Fertilizer

H.M

Caitlin Sweeney (East Woods School), Jackson Kennedy (East Woods School)

East Woods School

Next Generation Calcium Alginate Bandages Versus Traditional Bandages