



1ST

Anna Kaplun (Grand Avenue Middle School), Mia Tascarella (Grand Avenue Middle School), Milena Chomicz-Grabowska (Grand Avenue Middle School)

Grand Avenue Middle School

Will the addition of biostimulants such as Stress RX or Ascophyllum nodosum result in the improved growth of Lactuca sativa as compared to a traditional fertilizer such as Miracle-Gro?

1ST

David Henen (W. T. Clarke Middle School), Matthew Ho (W. T. Clarke Middle School), Enzo Valentino Garcia (W. T. Clarke Middle School)

W. T. Clarke Middle School

The effect of ocean pH levels on oyster shell thickness

1ST

Alisa Mary Babu (W. T. Clarke Middle School), Manaal Hassan Pramanik (W. T. Clarke Middle School), Gabriella Arboleda (W. T. Clarke Middle School)

W. T. Clarke Middle School

The effect of varying electron donor additions to sediment in a microbial fuel cell on the amount of energy produced

1ST

Charles Yu (Great Neck North Middle School), Brandon Li (Great Neck North Middle School), Shayaan Khan (Great Neck North Middle School)

Great Neck North Middle School

War of the Wings

1ST

Eric Zhuang (Great Neck South Middle School), Andy Zhuang (Great Neck South Middle School)

Great Neck South Middle School

Impact of Febrile Seizures on Mesial Temporal Lobe Epilepsy

1ST

Isabella Rufrano (Copiague Middle School), Kaitlyn Lonbardo (Copiague Middle School)

Copiague Middle School

Shingle Science

1ST

Mihir Satish Kumar (Hauppauge Middle School)

Hauppauge Middle School

BioPlastClean: An EcoClean Solution for Microplastic Filtration

1ST

Atharv Manoj Prabhu (Hauppauge Middle School)

Hauppauge Middle School

Can Biodegradable Hydrogels Help Conserve Water While Farming?

1ST

Vaibhavi Hegde (Hauppauge Middle School)

Hauppauge Middle School

What Materials Work Best for Creating Biodegradable Plastic?

2ND

Hailey Cheung (Great Neck South Middle School), Danei Kalash (Great Neck South Middle School)

Great Neck South Middle School

The Effect of Music on Memory

2ND

Jake Liu (Great Neck South Middle School), Emmett Yeung (Great Neck South Middle School)

Great Neck South Middle School

The Effect of Different Memorization Techniques on Short Term Memory

2ND

Evelyn Wu (Great Neck South Middle School), Yasmin Ozel (Great Neck South Middle School)

Great Neck South Middle School

The Effect of Different Sports on the Lung Capacity of a Teen

2ND

Eva Juretschko (Oyster Bay High School), Madeline Mathews (Oyster Bay High School)

Oyster Bay High School

How do racially specific facial features affect implicit bias?

2ND

Jicheng Xie (Great Neck North Middle School), Jocelyn Morley (Great Neck North Middle School)

Great Neck North Middle School

Keeping it Together

2ND

Max Hendizadeh (Great Neck North Middle School), Misha Mehrfar (Great Neck North Middle School)

Great Neck North Middle School

Pop That Pimple

2ND

Gavin Zhao (Great Neck North Middle School), Ian Tong (Great Neck North Middle School)

Great Neck North Middle School

Artificial Intelligence: The Future of Roads

3RD

Patrick Mulvey (Grand Avenue Middle School), Aidan Cheung (Grand Avenue Middle School)

Grand Avenue Middle School

*How will a decrease in the pH level of ocean water affect the ability of *Uca rapax* (fiddler crabs) to find food using olfaction?*

3RD

Isabel Ziegler (Grand Avenue Middle School), Anna Schellberg (Grand Avenue Middle School)

Grand Avenue Middle School

How Will Artificial vs. Natural Sweeteners Affect the Mass, the Gender and Population Size of Drosophila Melanogaster

3RD

Lorelei Fitzgerald (Howard T. Herber Middle School), Leyla Montrose (Howard T. Herber Middle School), Gabriella Sime (Howard T. Herber Middle School)

Howard T. Herber Middle School

The Impact of Refrigeration on Bacterial Growth in Condiments

3RD

Joshua Goldberg (Great Neck South Middle School)

Great Neck South Middle School

Testing the Ability to Kill bacteria With Mouth Wash and Toothpaste

3RD

Noa Kaye (Long Beach High School), Thea Alexa Olmsted (Long Beach High School)

Long Beach High School

The Effect of a 2:1 Chemical Dilution of NaCl on The Number of Fronds on Lemna Minor

3RD

Mikayla Daniel (Woodland Middle School), Shareen Rahman (Woodland Middle School), Mikeyla Suarez (Woodland Middle School)

Woodland Middle School

What is the effect of brain training on the outcome of the Stroop test?

3RD

Brian Mayer (Great Neck North Middle School), Ian Bloom (Great Neck North Middle School), Benjamin Amir (Great Neck North Middle School)

Great Neck North Middle School

Radiation Quantify: Decoding Emissions

H.M

Edward Tijerina (W. T. Clarke Middle School), Jimmy Kerimi (W. T. Clarke Middle School), Tyler Colletti (W. T. Clarke Middle School)

W. T. Clarke Middle School

The effect of different landslide barrier designs on the mass of landslide reaching the base of a slope

H.M

Arissa Isabella Evangelista (W. T. Clarke Middle School), AnaSophia Barco (W. T. Clarke Middle School), Zara Loo (W. T. Clarke Middle School)

W. T. Clarke Middle School

The effect of differing ocean pH levels on the melting rate of glaciers

H.M

Kiera May Lin (W. T. Clarke Middle School), Caelyn Castillo (W. T. Clarke Middle School), Charlotte Elle Colon (W. T. Clarke Middle School)

W. T. Clarke Middle School

The effect of avalanche retaining wall type & quantity on the mass of snow reaching the base of a slope

H.M

Ivy Li (Great Neck South Middle School), Linzi Yeung (Great Neck South Middle School)

Great Neck South Middle School

The Effect of Natural Antibiotics on the Growth of Sporosarcina ureae Bacteria

H.M

Sophia Baez (Howard T. Herber Middle School), Kamila Fernandez (Howard T. Herber Middle School), Angelina Williams (Howard T. Herber Middle School)

Howard T. Herber Middle School

The Effect of Oral Dog Treats on Canine Mouth Bacterial Growth

H.M

Emilio Reyes (Copiague Middle School)

Copiague Middle School

Caffeine Consumption

H.M

Evelyn Saunders (Friends Academy), Drayer Lane (Friends Academy), Eric Ha (Friends Academy)

Friends Academy

Best Propagation Methods for Growing Spartina alterniflora and Spartina patens for Coastal Restoration Project