

### Copiague Middle School

#### 1ST

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

*Shingle Science*

#### H.M

Emilio Reyes (Copiague Middle School)

*Caffeine Consumption*

### Friends Academy

#### H.M

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

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

### Grand Avenue Middle School

#### 1ST

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

#### 3RD

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

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

## Great Neck North Middle School

### 1ST

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

*War of the Wings*

### 2ND

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

*Keeping it Together*

### 2ND

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

*Pop That Pimple*

### 2ND

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

*Artificial Intelligence: The Future of Roads*

### 3RD

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

*Radiation Quantify: Decoding Emissions*

## Great Neck South Middle School

### 1ST

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

*Impact of Febrile Seizures on Mesial Temporal Lobe Epilepsy*

### 2ND

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

*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)

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

## 3RD

Joshua Goldberg (Great Neck South Middle School)

*Testing the Ability to Kill bacteria With Mouth Wash and Toothpaste*

## H.M

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

*The Effect of Natural Antibiotics on the Growth of Sporosarcina urea Bacteria*

### Hauppauge Middle School

## 1ST

Mihir Satish Kumar (Hauppauge Middle School)

*BioPlastClean: An EcoClean Solution for Microplastic Filtration*

## 1ST

Atharv Manoj Prabhu (Hauppauge Middle School)

*Can Biodegradable Hydrogels Help Conserve Water While Farming?*

## 1ST

Vaibhavi Hegde (Hauppauge Middle School)

*What Materials Work Best for Creating Biodegradable Plastic?*

### Howard T. Herber Middle School

## 3RD

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

School), Gabriella Sime (Howard T. Herber Middle School)

*The Impact of Refrigeration on Bacterial Growth in Condiments*

**H.M**

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

*The Effect of Oral Dog Treats on Canine Mouth Bacterial Growth*

## Long Beach High School

**3RD**

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

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

## Oyster Bay High School

**2ND**

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

*How do racially specific facial features affect implicit bias?*

## W. T. Clarke Middle School

**1ST**

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

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

**H.M**

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

*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)

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

## **Woodland Middle School**

**3RD**

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

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