

Montgomery County Science Research Competition- General Award Script - All Divisions

12th Grade

Behavior & Social Science

2nd Place

Shriya Srikoti - North Penn High School - 12th Grade

12-BEH-003 - Comparative Analysis of Lecanemab and Aducanumab in Alzheimer's Treatment

1st Place

Brianna Geist - Germantown Academy Upper School - 12th Grade

12-BEH-001 - Stress Test: The Most Effective Method to Reduce Stress

Botany

2nd Place

Saloni Bhatia - Germantown Academy Upper School - 12th Grade

12-BOT-002 - Effect of Plants on Water Contamination

1st Place

Anna Weatherwax - North Penn High School - 12th Grade

12-BOT-001 - Vitamin C Production via Hydroponics in an Astrobotanical Context

Chemistry

1st Place

Aditya Pasumarthi - Methacton High School - 12th Grade

12-CHM-001 - Colloidal Silver: The Next Generation

Computer Science

1st Place

Mario Toscano - Germantown Academy Upper School - 12th Grade

12-CMP-002 - Using Neural Networks to Decipher Geographical Origin of Artworks

Engineering

2nd Place

Alessandra Miller - North Penn High School - 12th Grade

12-ENG-003 - Electroactive Polymers in a Left Ventricular Heart Replacement Prototype

1st Place

Lucas Philip - Germantown Academy Upper School - 12th Grade

12-ENG-001 - Piezoelectric Energy Harvesting Apparatus

Medicine & Health

2nd Place

Zara Bhatt - Germantown Academy Upper School - 12th Grade

12-MED-002 - The Effects of Herbal Supplements on Metabolism of Invertebrates

1st Place

Ashish Jeyapratap - Methacton High School - 12th Grade

12-MED-001 - When Green Means Stop and Red Means Go

Physics

1st Place

John Akladus - Methacton High School - 12th Grade

12-PHY-001 - Advancing Aircraft Efficiency via Drag Coefficient Analysis

Zoology

1st Place

Anthony DiFranco - Germantown Academy Upper School - 12th Grade

12-ZOO-002 - Effect of Habitat Disruption in the Wissahickon Watershed on Plethodon cinereus Populations

11th Grade

Behavior & Social Science

3rd Place

Elizabeth Hercek - Souderton High School - 11th Grade
11-BEH-001 - Environmental Engagement Vs. Carbon Footprint

2nd Place

Xin Du - The Shipley School - 11th Grade
11-BEH-003 - Approaching systematic racism in the United States through the lens of the implicit racial attitude

1st Place

Larry Zhan - Germantown Academy Upper School - 11th Grade
11-BEH-002 - How Human is AI?

Biochemistry

3rd Place

Katie Young - Methacton High School - 11th Grade
11-BCM-001 - Unmasking Microbes with Mouthwash

2nd Place

Nidhish Chintala - Methacton High School - 11th Grade
11-BCM-004 - Amylase Enzyme Activity in Different Conditions

1st Place

Aidan Gor - Germantown Academy Upper School - 11th Grade
11-BCM-003 - Identifying Targets in Choroid Plexus to Lower CSF Secretion

Botany

3rd Place

Vinaya Venkat - North Penn High School - 11th Grade
11-BOT-003 - The Effects of the Changes in Spatial Distribution in Cycads

2nd Place

Hannah Adams - Upper Dublin High School - 11th Grade
11-BOT-002 - How inhibition of DNA replication impacts plant survival

1st Place

Nishank Rai - Germantown Academy Upper School - 11th Grade
11-BOT-001 - Measuring Photosynthesis in Hydroponics and Traditional Farming

Chemistry

Honorable Mention

Hannah Kideckel - Lower Moreland High School - 11th Grade
11-CHM-006 - Concentrations of Glucose and Sucrose in Various Foods

3rd Place

Rebecca Kideckel - Lower Moreland High School - 11th Grade
11-CHM-002 - Nature's Palette: Effectiveness of Natural Dyes

2nd Place

Muhan (Yina) Yao - The Hill School - 11th Grade
11-CHM-003 - Advancing Green Hydrogen Energy: Development of High-Performance Iridium-Titanium Dioxide Catalysts for Oxygen Evolution in Acidic Water Electrolysis

1st Place

Lance Yang - Upper Dublin High School - 11th Grade
11-CHM-004 - A Low Cost, Green Approach to Lithium Ion Battery Recycling

Computer Science

2nd Place

Shwetha Rajan - North Penn High School - 11th Grade
11-CMP-003 - Are you a victim of digital amnesia? Decoding the Google effect.

1st Place

Yueyi Bao - The Hill School - 11th Grade

11-CMP-001 - 3D Bidirectional Mapping GAN for Brain Rejuvenation and Aging Simulation

Earth & Space Science**2nd Place**

Eileen Wang - Germantown Academy Upper School - 11th Grade

11-E&S-001 - The Simulation of Particle Movement to Study the Universe

1st Place

Roy Zhao - Germantown Academy Upper School - 11th Grade

11-E&S-002 - DroughtGNN: Novel Spatial-Temporal Graph Neural Network for Optimized African Drought Prediction

Engineering**Honorable Mention**

Arjun Sood - Germantown Academy Upper School - 11th Grade

11-ENG-005 - Simulating Fluid Dynamics for Engineering Applications

3rd Place

Joshua Yoon - Lower Moreland High School - 11th Grade

11-ENG-003 - Predicting Food Sustainability in Adams County, PA With Hybrid Machine Learning

2nd Place

Xiangbin Luo - The Hill School - 11th Grade

11-ENG-004 - quadruped Forest Ranging Robot

1st Place

Zeshen Chen - The Hill School - 11th Grade

11-ENG-001 - NavigEase: A ROS Robot for Visually Impaired Elderly Individuals with SLAM Navigation

Environmental Science**2nd Place**

Roma Reddy - Germantown Academy Upper School - 11th Grade

11-ENV-002 - Effect of Passiflora incarnata extract on GABA levels of Drosophila melanogaster

1st Place

Alycia Steck - Germantown Academy Upper School - 11th Grade

11-ENV-001 - Biostim and Glyphosate Residue on Planaria Microbiome

Mathematics**2nd Place**

Luke Hu - Germantown Academy Upper School - 11th Grade

11-MTH-001 - Solving the Three Body Problem with Deep Learning

1st Place

Dylan Wen - Methacton High School - 11th Grade

11-MTH-002 - The Tennis Formula

Medicine & Health**Honorable Mention**

Shreya Bellum - North Penn High School - 11th Grade

11-MED-004 - The Difficulty Developing Targeted Therapeutics for Neurodegenerative Diseases

3rd Place

Jessica Wang - Germantown Academy Upper School - 11th Grade

11-MED-008 - Chronic Sleep Deprivation Activates NLRP3 Inflammasome

2nd Place

Vedika Deshpande - North Penn High School - 11th Grade

11-MED-001 - Cannabis and reproductive health

1st Place

Abhinav Siripurapu - The Hill School - 11th Grade

11-MED-006 - CDRGen: An LLM-based system for generating optimized and binding CDR3 regions

Microbiology

2nd Place

Neha Jonnalagadda - Germantown Academy Upper School - 11th Grade

11-MIC-001 - Effect of Biodegradable Plastics on Soil Microorganisms and Plant Growth

1st Place

Srija Chaudhuri - Upper Dublin High School - 11th Grade

11-MIC-003 - Curing Depression w/ Autologous CRISPR Microbiome Transplant

Physics

2nd Place

Elena Lin - Germantown Academy Upper School - 11th Grade

11-PHY-002 - CNC Machining for Surface Smoothing of 316L Stainless Steel

1st Place

Jianna Kim - Germantown Academy Upper School - 11th Grade

11-PHY-001 - Computational Analysis of Lagrange Points to Predict Space Debris Trajectory and Shield Spacecraft

Zoology

2nd Place

Katherine Song - Germantown Academy Upper School - 11th Grade

11-ZOO-003 - The Effects of Fertilizer on Water Daphnia

1st Place

Winston Sun - Germantown Academy Upper School - 11th Grade

11-ZOO-002 - The Effect of Caridea and Aquaponics on Algae Blooms

10th Grade

Behavior & Social Science

1st Place

Gabriel Meinstein - Germantown Academy Upper School - 10th Grade

10-BEH-001 - Demographics Change in Relation to Humanizing Homicide Coverage

Botany

2nd Place

Kelvin Zhang - Souderton High School - 10th Grade

10-BOT-002 - A Sustainable Approach to Agriculture

1st Place

Yuktha Bungatavula - Souderton High School - 10th Grade

10-BOT-001 - Hydroponic System and Salinity's Impact on Plant Growth

Chemistry

2nd Place

Praneel Jammalamadaka - Souderton High School - 10th Grade

10-CHM-001 - The Carbon Dioxide Problem

1st Place

Anna Akhobadze - Lower Moreland High School - 10th Grade

10-CHM-002 - Which Crystal is Most Effective in Creating Energy

Computer Science

2nd Place

Tyler Tang - Germantown Academy Upper School - 10th Grade

10-CMP-003 - Ability of AI Types on Handwritten Hanzi & Kanji Recognition

1st Place

Shivam Joshi-Awasthi - North Penn High School - 10th Grade

10-CMP-001 - Beyond Images: Seeing the Unseen of Alzheimer's Disease

Earth & Space Science

1st Place

Alan Jiang - Upper Dublin High School - 10th Grade
10-E&S-001 - Iron Fertilization in a Simulated Ocean

Engineering

Honorable Mention

Sophie Dubois - Souderton High School - 10th Grade
10-ENG-002 - How Does the Porosity of Wood Affect its Structural Stability
Alexander Wang - Germantown Academy Upper School - 10th Grade
10-ENG-006 - Nature Based Edible Coatings for Sustained Food Preservation

3rd Place

Tamara Brockington - Abington Friends School - 10th Grade
10-ENG-004 - Driving With Fuel Cells

2nd Place

Maximillian Kopp - Germantown Academy Upper School - 10th Grade
10-ENG-005 - Flexible Nano-Material Sensors for Non-Invasive Health Monitoring

1st Place

Encheng Wang - The Hill School - 10th Grade
10-ENG-007 - Underwater Bionic Fish with Frame Shake Prevention and Video Stabilization

Environmental Science

2nd Place

Riya Mehta - Souderton High School - 10th Grade
10-ENV-002 - Optimal Wind Turbine Placement Based on Dynamic Wind Patterns

1st Place

Victoria Puente - Souderton High School - 10th Grade
10-ENV-001 - The Bioremediation of Petroleum Hydrocarbons in Contaminated Water

Mathematics

2nd Place

Noah Utain - Souderton High School - 10th Grade
10-MTH-001 - Predicting the NBA Season Award Winners

1st Place

Audrey Yu - Germantown Academy Upper School - 10th Grade
10-MTH-002 - Model-Based Projection of Measles Outbreaks in the United States

Medicine & Health

1st Place

Rasika Sivakumar - Methacton High School - 10th Grade
10-MED-001 - Hydrogel Stiffness Modulates Interleukin-1 Beta Effect on Annulus Fibrosus Cells

Physics

Honorable Mention

Pranati Jammalamadaka - Souderton High School - 10th Grade
10-PHY-001 - Efficiency Analysis of Various Hydrogen Production Processes

3rd Place

Kevin Lim - Upper Dublin High School - 10th Grade
10-PHY-004 - How Temperature Affects Intonation of Violin

2nd Place

Adelina Cutrona - Souderton High School - 10th Grade
10-PHY-002 - Reflectivity on the Road

1st Place

Carter Rembert - Methacton High School - 10th Grade

10-PHY-003 - Orbital Guardians: Defending Earth from Asteroids

Zoology

2nd Place

Niharika Inampudi - Souderton High School - 10th Grade

10-ZOO-001 - The Effect of Carbon Electrodes on Daphnia and Planaria

1st Place

Gabriel Longenecker - Souderton High School - 10th Grade

10-ZOO-002 - Cyanobacteria and the Neurological Activity of Danio Rerio

9th Grade

Behavior & Social Science

Honorable Mention

Rushil Reddy - Germantown Academy Upper School - 9th Grade

09-BEH-005 - The Effect of Road Signs on Driving Speed

3rd Place

Maya Herrlinger - Souderton High School - 9th Grade

09-BEH-002 - Teen's Perception of Traits in Male vs. Female Characters

2nd Place

Timi Afolabi-Brown - Upper Dublin High School - 9th Grade

09-BEH-007 - Sleep and Screens Sleep Study

1st Place

Matthew Lo - Haverford School - 9th Grade

09-BEH-003 - BeeMind AI: Development of an Artificial Intelligence Based System to Assess Honeybee Health, Behavior, and Nutrient Effects

Biochemistry

3rd Place

Andrew Kang - Methacton High School - 9th Grade

09-BCM-003 - Which Brand of Antacid is Most Effective?

2nd Place

Chelsea Lian - Methacton High School - 9th Grade

09-BCM-002 - Antacids in Action!

1st Place

Yashvi Patel - Pennbrook Middle School - 9th Grade

09-BCM-001 - Lacking Lactase: The Science Behind Lactose Intolerance

Botany

3rd Place

Kristina Shapovalova - Pennfield Middle School - 9th Grade

09-BOT-001 - Not All Soils were Created Equal: Sprout Fight for Life in Harsh Environments

2nd Place

Morohkaut Thach - Cheltenham High School - 9th Grade

09-BOT-003 - Heavy Hydrogels: Retaining Moisture Using Different Amounts of Agar and HEC

1st Place

Jeremy Evans - Souderton High School - 9th Grade

09-BOT-004 - Effect of Calcium Nitrate on Hydroponic Seedling Growth

Chemistry

3rd Place

Jeremy Wang - Methacton High School - 9th Grade

09-CHM-003 - The Effectiveness and Duration of Different Sunscreens

2nd Place

Danica Bae - Pennfield Middle School - 9th Grade
09-CHM-001 - Drug Shell Solubility

1st Place

Aimal Ahmad - Souderton High School - 9th Grade
09-CHM-005 - Sugar Showdown

Computer Science

Honorable Mention

Aryan Ardeshta - Methacton High School - 9th Grade
09-CMP-001 - ChatGPT vs. GPTZero

3rd Place

Felix Du - Methacton High School - 9th Grade
09-CMP-004 - Using Artificial Intelligence to Detect Safety and Security Issues at Home

2nd Place

Monita Rijal - Pennfield Middle School - 9th Grade
09-CMP-003 - Different Tumors v.s Artificial Intelligence

1st Place

Rohit Mahajan - Methacton High School - 9th Grade
09-CMP-002 - Using Machine Learning for Predicting Cardiovascular Disease

Earth & Space Science

2nd Place

Luke Huang - Souderton High School - 9th Grade
09-E&S-001 - Which Type of Grass Prevents Soil Erosion Most Effectively?

1st Place

Lily Axler - Upper Dublin High School - 9th Grade
09-E&S-002 - How the Distance From an Urban Source Affects PM 2.5 Levels

Engineering

2nd Place

Bhavi Patel - Methacton High School - 9th Grade
09-ENG-002 - Does the Height of a Culvert Affect its Efficiency?

1st Place

Ryan Weber - Methacton High School - 9th Grade
09-ENG-001 - H Beam Breakdown

Environmental Science

3rd Place

Niyathi Jonnalagadda - Germantown Academy Upper School - 9th Grade
09-ENV-004 - Effect of Climate Change on Lepidoptera

2nd Place

Gilbert Yang - Methacton High School - 9th Grade
09-ENV-001 - The Effectiveness of Various Water Treatment Methods

1st Place

Liam Connolly - Souderton High School - 9th Grade
09-ENV-002 - The Effect of Greywater on The Growth Reduction of Plants

Mathematics

1st Place

Sophie Kalish-Schur - The Baldwin School - 9th Grade
09-MTH-001 - Cylindroid in the Real World

Medicine & Health

3rd Place

Joshua Hong - Upper Dublin High School - 9th Grade
09-MED-004 - The Effects of Sugar on the Resistance of Teeth

2nd Place

Haasini Matta - Souderton High School - 9th Grade
09-MED-001 - Zap That Zit!

1st Place

Devesh Waghmare - Pennfield Middle School - 9th Grade
09-MED-003 - Feline Hyperthyroidism

Microbiology

3rd Place

Nicholas Loza - Upper Dublin High School - 9th Grade
09-MIC-003 - The Hidden Danger in Cooked Rice

2nd Place

Elizabeth Schindele - Souderton High School - 9th Grade
09-MIC-002 - The Effect of Sponge Cleaning Processes on Bacterial Growth

1st Place

Haritha Rajan - Pennfield Middle School - 9th Grade
09-MIC-001 - Natural vs Synthetic Antibiotics

Physics

Honorable Mention

Ryan Markus - Souderton High School - 9th Grade
09-PHY-003 - What is the Optimal Parachute for an Egg Drop?

3rd Place

Brooklyn Diener - Germantown Academy Upper School - 9th Grade
09-PHY-004 - Effect of Different Surfaces on Dance Floor Friction

2nd Place

Tarini Saravanan - Methacton High School - 9th Grade
09-PHY-002 - Riding the Waves

1st Place

Adhara Reddy - Methacton High School - 9th Grade
09-PHY-001 - Eyes VS Electronics

Zoology

2nd Place

Lillian Lorenc - Souderton High School - 9th Grade
09-ZOO-001 - Does Air Temperature Affect General Bird Migration in the USA?

1st Place

Sara Geschwindt - Souderton High School - 9th Grade
09-ZOO-003 - Impact of Protein in a Rabbit's Diet on the Nutritional Value of Manure

6th - 8th Grade

Behavior & Social Science

Honorable Mention

Lydia Moyer - Indian Valley Middle School - 6th - 8th Grade
MS-BEH-010 - How Does Assessment Format Affect Student Test Scores?
Nokukhanya Ndlovu - Pennfield Middle School - 6th - 8th Grade
MS-BEH-007 - Do Video Game Players Have Faster Reaction Times Than Non-Players?

3rd Place

Zoe Manoukis - Indian Valley Middle School - 6th - 8th Grade
MS-BEH-014 - Preferred Music VS Not; Can You Focus Better?

2nd Place

Leo Gest - Cedarbrook Middle School - 6th - 8th Grade

MS-BEH-017 - Hype Up! Is Hype Music the Answer to Playing Better?

1st Place

Claire Kwon - Arcola Middle School - 6th - 8th Grade

MS-BEH-011 - The Stroop Effect

Biochemistry**Honorable Mention**

Sylvian Garbutt - Cedarbrook Middle School - 6th - 8th Grade

MS-BCM-008 - Electrolyte Challenge: Orange Juice Vs. Sports Drink

Zoe Redemann, Ileana Scarchilli, Elizabeth Vannier - French International School of Philadelphia - 6th - 8th Grade

MS-BCM-007 - Nature's Nightlight-The Effect of Bioluminescence on Plant Growth

Mason Weber - Arcola Middle School - 6th - 8th Grade

MS-BCM-005 - The Nutty Experiment

3rd Place

Ella Paradis-Béland - French International School of Philadelphia - 6th - 8th Grade

MS-BCM-004 - The Effect of Low-Carb Diets on Ketosis Levels

2nd Place

Jasmine Bilotti - Indian Valley Middle School - 6th - 8th Grade

MS-BCM-002 - Investigating How Different Drinks Affect Tooth Enamel

1st Place

Luke Procyk - Wyndcroft Middle School - 6th - 8th Grade

MS-BCM-006 - Are grain crops better than root crops for producing biofuel?

Botany**Honorable Mention**

Landon Wertz - Indian Crest Middle School - 6th - 8th Grade

MS-BOT-003 - What is the effect of different pollutants on plant growth

3rd Place

Simon Chen - Cedarbrook Middle School - 6th - 8th Grade

MS-BOT-018 - Acidic VS Alkaline: How Does Acidity Affect Plant Growth?

2nd Place

Dominic DiNardo - Indian Valley Middle School - 6th - 8th Grade

MS-BOT-011 - How to Make the Grass Greener on Your Side of the Fence

1st Place

Bryn Hamilton - Arcola Middle School - 6th - 8th Grade

MS-BOT-014 - How do Plants Impact Soil Erosion?

Chemistry**Honorable Mention**

Cicely Ji - Indian Crest Middle School - 6th - 8th Grade

MS-CHM-005 - What is the effect of potato sugar levels on french fry quality?

Daniela Luna - Pennfield Middle School - 6th - 8th Grade

MS-CHM-004 - Investigating the Impact that Common Beverages Have on Our Teeth: Does pH Matter?

Michaela Malone - Indian Valley Middle School - 6th - 8th Grade

MS-CHM-013 - Does a Movies Soundtrack Affect The Way You Feel

Julia Ulrich - Indian Valley Middle School - 6th - 8th Grade

MS-CHM-014 - Does color affect the things we taste?

3rd Place

Neve Schwarz - Cedarbrook Middle School - 6th - 8th Grade

MS-CHM-016 - Pop to it!: pH levels vs sphericity of popping pearls.

2nd Place

Helena Ung - Cedarbrook Middle School - 6th - 8th Grade
MS-CHM-012 - Feel Rusty? : Coatings and Exposure to Various Environments

1st Place

Joseph Bieryla - Cedarbrook Middle School - 6th - 8th Grade
MS-CHM-002 - Is Bigger Better? Particle Size and Reaction Speed

Computer Science

Honorable Mention

Benjamin Sampson - Cedarbrook Middle School - 6th - 8th Grade
MS-CMP-006 - Extraction: How does the type of SQLI affect output data?

3rd Place

Tanishi Choudhary - Arcola Middle School - 6th - 8th Grade
MS-CMP-005 - Artificial Intelligence: Design A Simple Neural Network

2nd Place

Alex Shockley - Indian Valley Middle School - 6th - 8th Grade
MS-CMP-004 - The Power of AI

1st Place

Sebastian Dubois - Indian Valley Middle School - 6th - 8th Grade
MS-CMP-002 - Political Bias in the Google Search Engine

Consumer Science

Honorable Mention

Aly Hassett - Indian Valley Middle School - 6th - 8th Grade
MS-CSR-007 - The Best Drying Method

3rd Place

Julia Ball - Cedarbrook Middle School - 6th - 8th Grade
MS-CSR-003 - Crafting Craze: Glue Type and Paint Adherence and Smoothness

2nd Place

Taliyah Davis - French International School of Philadelphia - 6th - 8th Grade
MS-CSR-002 - The Itch that Rashes

1st Place

Tina Ramberg-Michael - Cedarbrook Middle School - 6th - 8th Grade
MS-CSR-009 - Rising Up!:Texture, Density, & Gluten-Free Flour Substitutes

Earth & Space Science

3rd Place

Luna Bianchimano - Indian Valley Middle School - 6th - 8th Grade
MS-E&S-001 - Does the Lunar Cycles Affect Flooding?

2nd Place

Meredith Gahring - Indian Valley Middle School - 6th - 8th Grade
MS-E&S-002 - Rooting Out Erosion

1st Place

Anushka Abraham - Indian Valley Middle School - 6th - 8th Grade
MS-E&S-003 - The Temperature of Soil effect on Seed Germination

Engineering

3rd Place

Elise Bankole - French International School of Philadelphia - 6th - 8th Grade
MS-ENG-001 - basculing bridges

2nd Place

Maurice White - Cedarbrook Middle School - 6th - 8th Grade
MS-ENG-007 - Stick to It: Which glue creates the strongest joint?

1st Place

Elyse Mousley - French International School of Philadelphia - 6th - 8th Grade
MS-ENG-005 - Swinging Science

Environmental Science**3rd Place**

Adam Lane - Indian Valley Middle School - 6th - 8th Grade
MS-ENV-008 - What Source Does the Highest Water Quality Come From?

2nd Place

Mina Sylla - French International School of Philadelphia - 6th - 8th Grade
MS-ENV-007 - Water Desalination

1st Place

Likhitha Inampudi - Indian Valley Middle School - 6th - 8th Grade
MS-ENV-001 - Which Hydrogel Best Conserves Farm Water?

Mathematics**2nd Place**

Andrew Gabriel - Indian Valley Middle School - 6th - 8th Grade
MS-MTH-001 - Which Baseball injury is the most common

1st Place

Dean Stephanos - Indian Valley Middle School - 6th - 8th Grade
MS-MTH-002 - How Does Color Affect Memory?

Medicine & Health**Honorable Mention**

Nori Huynh - Cedarbrook Middle School - 6th - 8th Grade
MS-MED-002 - Sun Safety: Cost & UV Protection Ratio With Increasing SPF

3rd Place

Arianna Chau - Indian Valley Middle School - 6th - 8th Grade
MS-MED-008 - The Effect of Garlic in Bacterial Growth

2nd Place

Grace Byard - Cedarbrook Middle School - 6th - 8th Grade
MS-MED-003 - It's Fat-tastic: Dairy-Free Fats and Ice Cream Quality

1st Place

Vedanth Iyengar - Pennfield Middle School - 6th - 8th Grade
MS-MED-001 - Health Effect of Different Flavors of E-cigarettes

Microbiology**Honorable Mention**

Ryan Lockhead - Indian Valley Middle School - 6th - 8th Grade
MS-MIC-003 - The Effects of Different Washing Methods of Strawberries

3rd Place

Sriya Gorrepati - Indian Valley Middle School - 6th - 8th Grade
MS-MIC-001 - 5 Second Rule: Does it Work?

2nd Place

Madeeha Ameen - Cedarbrook Middle School - 6th - 8th Grade
MS-MIC-004 - Sanitizer Smackdown: Isopropyl vs Ethyl Alcohol in Sanitizer

1st Place

Audrina Kim - Wyndcroft Middle School - 6th - 8th Grade
MS-MIC-006 - Which Mouthwash is Most Effective at Killing Bacteria?

Physics**Honorable Mention**

Shaurya Aggarwal - Penndale Middle School - 6th - 8th Grade
MS-PHY-012 - Rockety Poktey Nose cone
Elsie Diddle - French International School of Philadelphia - 6th - 8th Grade
MS-PHY-010 - The Balancing Art of Magnetism and Rotation

3rd Place

Kai Troutman - Indian Valley Middle School - 6th - 8th Grade
MS-PHY-011 - Does weight affect speed?

2nd Place

Siddarth Sankar - Arcola Middle School - 6th - 8th Grade
MS-PHY-002 - Window Pain: Science of Balancing Transparency and Mortality

1st Place

Jeffrey Fan - Arcola Middle School - 6th - 8th Grade
MS-PHY-003 - Harnessing Green Energy in the Air

Zoology

Honorable Mention

Lorelei Mowrer - Wyndcroft Middle School - 6th - 8th Grade
MS-ZOO-004 - do ants have a favorite color?

3rd Place

Emmett Moyer - Indian Valley Middle School - 6th - 8th Grade
MS-ZOO-005 - What deer attractant attracts the most deer?

2nd Place

Benjamin Shenko - Indian Valley Middle School - 6th - 8th Grade
MS-ZOO-003 - How Does pH Affect The Decomposition Of Animal Tissue

1st Place

Madison Truskowski - Indian Valley Middle School - 6th - 8th Grade
MS-ZOO-001 - What is "Zero" in a Horse and How do you Utilize it?

General Awards Note

The following have been promoted to DVSF. You will receive notification from them.

A - D Fair 1st, 2nd, 3rd will go to DVSF

MS Fair 1st and 2nd will go to DVSF