

Submission Name	First Name	Last Name	School Name
Animal & Human Science			
Kasimir Rastogi- An Evaluation of Underlying Medical Conditions as Predictors of COVID-19 Morbidity and Mortality	Kasimir	Rastogi	Cooper MS
John Kamireddy- The Effect of Different Soil Mediums on Earthworms	John	Kamireddy	GH Moody
Jeev Dalawari- The Effect Of Crowding On A Cricket's Behavior	Jeev	Dalawari	GH Moody
Vansh Goel- The Effect of Different Biomes on the Behavior of Ants.	Vansh	Goel	GH Moody
Ishan Shah- Finding the most cost-effective alkaline water that irreversibly inactivates pepsin and aids in the treatment of laryngopharyngeal reflux (LPR)	Ishan	Shah	GH Moody
Akilesh Jonnavarapu- Which Shampoo Makes Your Hair Stronger	Akilesh	Jonnavarapu	GH Moody
Priya Kumar- The Effect of different concentrations of CBD oil on the heart rate of the Daphnia magna	Priya	Kumar	GH Moody
Jessica Lkhagvasuren,Mallory Burton- Do People that are Closely Biologically Related Have the Same Fingerprint Pattern?	Jessica	Lkhagvasuren	HB Woodlawn
Chemical Science			
Caroline South- The Effect of Over-the-Counter Medicine Coating on the Release Time in a Low pH Environment	Caroline	South	Dorothy Hamm
Jordan Haught- The Effect of Pyrethroid Pesticides on the Progression of Growth in Lepidium Sativum (Common Garden Cress).	Jordan	Haught	GH Moody
Aarya Mishra- The effect of Time a fruit is left out on Vitamin C Concentration	Aarya	Mishra	GH Moody
Henry Marshall- The effect of the Amount of concentration of salt crystals on the melting rate of ice	Henry	Marshall	GH Moody
v- The Effect of the Time an Apple is Soaked in Saltwater on the Time it Takes to Brown	Sahana	Muthukumar	GH Moody
Arinan Johri- The Effect of the Opacity of Paper on the Effectiveness of UV Light	Arinan	Johri	GH Moody

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Shaan Patel- The effect of different pH on the corrosion rate of nails	Shaan	Patel	GH Moody
David Dong- The Effect of Different Sizes of Salt Grains on the Melting Speed of Ice	David	Dong	GH Moody
Rishab Kambham- The effect of different electrolytes on the voltage	Rishab	Kambham	GH Moody
Naman Kaushik- Effect of Different Types of Hand Sanitizer on Hardwood Flooring	Naman	Kaushik	GH Moody
Anaya Kaul- Effect of Aloe Vera on Protein Digestion	Anaya	Kaul	GH Moody
Katharine Burke- The Effects of Varying Acids and Baking Soda on Tarnishing Silver	Katharine	Burke	Kenmore
Sarah Coppenbarger- The Effects of Sand and Salt on Ice Melting Time	Sarah	Coppenbarger	Kenmore
Duchmaa Ariunbold- The Effect of Ice Melt Substances on Time to Melt Ice	Duchmaa	Ariunbold	Kenmore
Alex Bryner- The Effect of Different Types of Flour on the Size of Bread	Alex	Bryner	GH Moody
Anish Aruru- The Effect of Different Ingredients in the Time it Takes to Make Jello	Anish	Aruru	GH Moody
Tanvi Nareddy- The Effect of different liquid pH levels on the Corrosion of Pennies	Tanvi	Nareddy	GH Moody
Meredith Lloyd- The Effect of Different Types of Soap and How Well They Clean Your Hands	Meredith	Lloyd	GH Moody
Ishaan Atturu- How Different Types of Commonly Thrown Away Substances Affect the Surface Tension of Water.	Ishaan	Atturu	GH Moody
Neel Joshi- The Effect of Different Temperatures of Water on Magnetic Strength	Neel	Joshi	GH Moody
Manudeep Chevuru- The effect of different types of Tea on teeth enamel	Manudeep	Chevuru	GH Moody
Diyaa Kirubaharan- The Effect of Different Drinks On Teeth	Diyaa	Kirubaharan	GH Moody
Anoushka Anand- The Effect of Different Oils on the Strength of Hair	Anoushka	Anand	GH Moody
Shrihari Kalagi- The Effect of Different Liquids on Tooth Decay	Shrihari	Kalagi	GH Moody

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Nikki Alemzadeh- The Effect of Different Smoothies on the Glucose Level	Nikki	Alemzadeh	Louise Benton
Spencer Massie- Elephant Toothpaste and Exothermic Reactions: The effect of changing the amount of catalyst	Spencer	Massie	Sabot at StonyPoint
Myla McNair- The Effect of Types of Flour on the Hight of the Rise of Bread Dough	Myla	McNair	Williamsburg MS
Ecology and Earth Science			
Nadia Lach-Hab- The Effect of the Amount of Microplastics on the Survival Rate of Daphnia magna	Nadia	Lach-Hab	Dorothy Hamm
Rosalind Van Reken- The Effect of Meal Acquisition on Carbon Footprint	Rosalind	Van Reken	Dorothy Hamm
Zoe Schroeder- The Effect the Color of Paint Has on Insulation	Zoe	Schroeder	Kenmore
Sujay Suribhotla- The effect of different types of wood on a fire's growth	Sujay	Suribhotla	GH Moody
Geunyoung Chung- The Effect of Different Layers Above the Soil on the Prevention of Erosion	Geunyoung	Chung	GHMoody
Aarush Rudraraju- The Effect of Water's Salinity on the Effectiveness of a Solar-Powered Desalinator	Aarush	Rudraraju	GHMoody
Aanya Singh- The Effect of GMO on Soil Quality and Communities of Microorganisms	Aanya	Singh	GHMoody
Rashmi Adhikari- The Effect of Natural Filtration Materials on the Amount of Total Dissolved Solids of Contaminated Pond Water	Rashmi	Adhikari	GHMoody
Saket Sambaraju- The effect of the brightness of the sun on Solar Panel Efficiency.	Saket	Sambaraju	GHMoody
Akhil Dhawan- The Effect of the Drosera rotundifolia on Musca domestica, Armadillidium vulgare, Coccinellidae, and Pogonomyrmex barbatus.	Akhil	Dhawan	GHMoody
Sahasra Kancherla- Which natural water filter will work best on James River water	Sahasra	Kancherla	GHMoody
Kristine Edassery- The Effect Of Different Kinds Of Sprouts On Soil Erosion	Kristine	Edassery	GHMoody

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Anika Parashar- Which fruit peel helps retain the most soil moisture	Anika	Parashar	Hidden Valley
Zella Mantler- Testing Ventilation in a Middle School During the Era of COVID-19: The Impact of Natural Ventilation	Zella	Mantler	Swanson
Arhan Menta- The Effect of the Location Along the Potomac River on the Amount of Dissolved Oxygen	Arhan	Menta	Williamsburg
Engineering & Technology			
Aryaman Rane- The Effect on Voltage from a Motor's Shaft Connected to a Generator's Shaft	Aryaman	Rane	GH Moody
Daniel Gabdullin- The Effect of the Size and Strength of a Magnet on its Magnetic Pull	Daniel	Gabdullin	GH Moody
Jackson George- The Effect of the location of weights on the speed of a pinewood derby car	Jackson	George	GH Moody
Richard John- The Effect of the Height of the Bilge Keel on Time Required for a Sea Vessel to Stabilize	Richard	John	GH Moody
Krish Gupta- Herbal Clay Based Water Filters	Krish	Gupta	Swanson Middle School
Logan Krohl- The Effect of Water Filters on the Amount of Dirt Filtered	Logan	Krohl	Kenmore
Antonio Tripodi- The Effect of Different Kinds of Insulation on Temperature Inside of boxes	Antonio	Tripodi	GH Moody
Abhinav Gitta- The Effect of Different Machine Learning Algorithms and Artificial Intelligence on the Accuracy of Facial Recognition Software	Abhinav	Gitta	GH Moody
Yuvanth Mulpuru- The effect of different types of metallic fabrics on the reduction of EMF radiation	Yuvanth	Mulpuru	GH Moody
Saicharan Valipireddy- The Effect of Different Weight Placements on the Speed of a Pinewood Derby Car	Saicharan	Valipireddy	GH Moody
Tess Vithoukaskas- The Effect of Different Condenser Materials on the Production of Water with a Solar Still	Tess	Vithoukaskas	GH Moody
Shivank Murthy- Effect of external stacked magnet on the pitch that a DC motor makes	Shivank	Murthy	GH Moody

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Aditya Sunilkumar- The Effect of Tire Surface Temperature on Tire Performance	Aditya	Sunilkumar	GH Moody
Kedar Kambhampaty- The Effect of Photo Size of the Accuracy of a Facial Detection Program	Kedar	Kambhampaty	Williamsburg
Human Behavior			
Sajeela Ahmad- The Effects of the Regularity of Playing Video Games on Reaction Times and Solving Simple Arithmetic Problems	Sajeela	Ahmad	Louise Benton
Sesh Sudarshan- The Effect of Social Isolation on the Popularity of Home-based Hobbies and The Effect of Those Hobbies on Depression Levels During the COVID-19 Pandemic	Sesh	Sudarshan	Swanson
Math: Patterns & Relationships			
Devesh Stansbury- The Effect of Food Insecurity on High School Graduation Rates Before and During the Pandemic	Devesh	Stansbury	Dorothy Hamm
Aishwarya Kapila- The Effect of Different Water Impurities on Surface Tension	Aishwarya	Kapila	GH Moody
William Lin- Simulating a Vaccinated Population Against COVID-19 Using Javascript	William	Lin	GH Moody
Patrick Jiminez- The Effect of the Coronavirus Pandemic on the Financial Success of major Companies and Corporations in the U.S.	Patrick	Jiminez	Gunston
Emma Ackleson- The Game of Science	Emma	Ackleson	Swanson
Henry Stievater- The Effect of Air Pollution on COVID-19 Spread	Henry	Stievater	Swanson
Physical Science and Astronomy			
Sebastian Monroy- The Effect of Nerf Gun Angle on Dart Distance	Sebastian	Monroy	Dorothy Hamm
Pranav Sundarrajan- The Effect of the Type of Vegetable on the Amount of Electricity Produced	Pranav	Sundarrajan	GH Moody
Prithvi Chakraborty- The effect of temperature on cosmological inflation	Prithvi	Chakraborty	GH Moody
Neha Kurup- The Effect of Different SPF Levels of Sunscreen on Harmful UV Radiation From Sunlight	Neha	Kurup	GH Moody

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Shravan Madurantakam- The Effect of Launch Angle on the Distance Travelled by a Projectile	Shravan	Madurantakar	GH Moody
Kate Pietruszkiewicz- The Effect of Paper Type on Loss of Mass Experimented in the Drying Process of Wet Gloves	Kate	Pietruszkiewicz	GH Moody
Anya Mathew- The effect of distance on the level of electromagnetic radiation	Anya	Mathew	GH Moody
Alisha Kapila- The Effect of Varied Insulators on Water Temperature	Alisha	Kapila	GH Moody
Essam Shah- The Effect of Different Forms of Insulation on Internal Heat Conservation	Essam	Shah	GH Moody
Dwani Suresh- Effect of Different Materials on the Number of decibels that are received	Dwani	Suresh	GH Moody
Jaimin Ujaria- The Effect of String Length on the “Sleeping” Time of a Yo-Yo	Jaimin	Ujaria	GH Moody
Anushri Ramesh- The Effect of Heating Methods on the Temperature of an Isolated Area	Anushri	Ramesh	GH Moody
Soham Mishra- The Effect of Changing the Shape of a Chladni Plate on Chladni Patterns	Soham	Mishra	GH Moody
Riyaan Gopalakrishnan- The Effect of a Car Design on Impact Forces on a Passenger	Riyaan	Gopalakrishna	GH Moody
Nathan Yellin- Baseball Physics: The relationship between arm speed and bat mass	Nathan	Yellin	Sabot at Stonypoint
Thomas Gupton- The heat absorption abilities of Oak vs Polished Cedar	Thomas	Gupton	Sabot at Stonypoint
Weston Montpetit- The Effect of the PSI of a Soccer Ball On the Distance Traveled When Rolled Down a Slope	Weston	Montpetit	Sabot at Stonypoint
Emma Cai- The Effect of the type of fabric wrapped around a Mason jar on the temperature of the water in the Mason jar after 20 minutes	Emma	Cai	Swanson
Aelwen Seaver- What fruits hold the most voltage?	Aelwen	Seaver	Swanson
Plant Sciences & Microbiology			
Vedica Chudiwale- The Effect of the Amount of Nutrients on Plant Growth in a Hydroponic Environment	Vedica	Chudiwale	Dorothy Hamm

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Esperanza Piechowski- The Effect of Coffee Concentration on Lima Bean Plant Growth	Esperanza	Piechowski	Dorothy Hamm
Ameen Rahman- The Effect of Carbohydrate Structure on the Rate of Respiration in <i>S. cerevisiae</i>	Ameen	Rahman	Elizabeth Davis MS
Yan Angela Yu- What is the effect of sugar on active dry yeast?	Yan Angela	Yu	GH Moody
Eshwar Bejugam- The Effect of Water on Seed Germination	Eshwar	Bejugam	GH Moody
Anshi Chowdhory- The Effect of Layering Versus Mixing on Composting Banana Peels	Anshi	Chowdhory	GH Moody
Bhama Unnithan- The Effect of Various Sound Waves on the Growth and Development of Plants	Bhama	Unnithan	GH Moody
Alice Torrico- The effect of the drying time of hand sanitizer in a school setting	Alice	Torrico	GH Moody
Nilay Ravula- The Effect of Electromagnetic Fields on Bean Plant Growth	Nilay	Ravula	GH Moody
Aahana Sikka- The Effect of Temperature on Fruit Decomposition	Aahana	Sikka	GH Moody
Deepanshi Kumar- The Effect of Ginger (<i>Zingiber officinale</i>) as Fertilizer on Bean (<i>Phaseolus vulgaris</i>) Plant Height Growth	Deepanshi	Kumar	GH Moody
Nikolai Bukin- The Effect of Different types of water on the speed of growth of Cucumbers	Nikolai	Bukin	GH Moody
Sanika Kumar- The Effect Of Different Rising Agents On Non-Risen Dough	Sanika	Kumar	GH Moody
Madeleine Sicat- The Effect of Distance From a Wi-Fi Router on Pea Seed Weight and Germination Percentage	Madeleine	Sicat	GH Moody
Sara Moussavi- The Effect of Mask-wearing Duration on Bacterial Growth	Sara	Moussavi	Louise Benton