

VJAS Acceptance List 2023



- VJAS **middle school** papers accepted for presentation at the 2023 Symposium May 6, 2023.
- The list is sorted first by category, then by school, and finally by paper title.
- Paper titles were exported directly from information entered into Reviewr.

VJAS Acceptance List 2023

Round 2 Animal & Human Sciences (AH)	George H. Moody Middle School	Goel Ahana The Effect of Fennel Seeds on Pancreatic Cancer Cells
Round 2 Animal & Human Sciences (AH)	George H. Moody Middle School	Kumar Priya The Effect of CBD oil on the population of Drosophila melanogaster
Round 2 Animal & Human Sciences (AH)	George H. Moody Middle School	Sambangi Saanvi The Effect of different soaps on bacteria inhabiting the hand
Round 2 Animal & Human Sciences (AH)	Sabot at Stony Point	Byrne, Fin The Eating Habits of an Invasive Species: The Cane Toad
Round 2 Animal & Human Sciences (AH)	Sabot at Stony Point	Decker, Penelope The Efficiency of Clicker Training vs. Positive Reinforcement in Canine Training
Round 2 Animal & Human Sciences (AH)	Sabot at Stony Point	Shaw, Avery The Effect of Yeast Types on the Taste of Root Beer

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Round 2 Chemical Science (CS)	Dorothy Hamm Middle School	Bedestani Brandon, Abbott Logan-The Effect of Type of Chip on the Amount of Fat
Round 2 Chemical Science (CS)	Dorothy Hamm Middle School	Tulchinsky Lydia The Effect of Different Liquids on Copper Tape
Round 2 Chemical Science (CS)	George H. Moody Middle School	Adusumilli Ritvik, The effect of different household chemicals on the corrosion rate of stainless steel
Round 2 Chemical Science (CS)	George H. Moody Middle School	Chakraborty Prithvi The Effect of Enzyme Invertase on Glucose Concentration Level
Round 2 Chemical Science (CS)	George H. Moody Middle School	Kalagi Shrihari The Effect of Household Acids on the Rate of Corrosion
Round 2 Chemical Science (CS)	George H. Moody Middle School	Kirubaharan Diyaa The Effect of Different Foods on Stomach Acids
Round 2 Chemical Science (CS)	George H. Moody Middle School	Kota Karthikeya The Effect of Sunscreen on Saccharomyces Cerevisiae to Prevent Ultraviolet Radiation
Round 2 Chemical Science (CS)	George H. Moody Middle School	Lura Abisse The Effect of Fabric Softeners on the Flammability of Fabric
Round 2 Chemical Science (CS)	George H. Moody Middle School	Madurantakam Shravan The Effect of Crosslinking on Diffusion of Robitussin [®] , _ç from Calcium Alginate Gel
Round 2 Chemical Science (CS)	George H. Moody Middle School	Maresh Advika : The effect of heat cooking methods on the rate of degradation of ascorbic acid in bell peppers.
Round 2 Chemical Science (CS)	George H. Moody Middle School	Purohit Aditya Research of VJAS
Round 2 Chemical Science (CS)	George H. Moody Middle School	Ramkumar Risvan The Effect of Temperature on the Corrosion of Aluminum
Round 2 Chemical Science (CS)	George H. Moody Middle School	Shah Essam - The Effect of the Filtration Efficacies Among Dissimilar Semi-Permeable Fabric Types on Air Decontamination
Round 2 Chemical Science (CS)	George H. Moody Middle School	Shah Ishan Comparing the Solubility of Brand vs Generic Allergy Medications in Hydrochloric Acid with pH similar to Stomach Acid
Round 2 Chemical Science (CS)	Sabot at Stony Point	Becker Shayna, Murray Julia-The Effect of Sugar Content on the Evaporation Rate of Liquids
Round 2 Chemical Science (CS)	Sabot at Stony Point	Massie, Spencer What corrosion inhibitor slows the rusting of iron the most effectively?
Round 2 Chemical Science (CS)	Sabot at Stony Point	Sundberg, Caroline Which Types of Fabric (Linen, Felted Wool, or Polyester) will Dye the Most Effective in Different Types of Water

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Round 2 Chemical Science (CS)	Williamsburg Middle School	Knepper Abby The Effect of the Healthy Glucose Replacements on the Height of the Candy
Round 2 Chemical Science (CS)	Williamsburg Middle School	Marino Kate The Effect of Cooking Style on How Much Vitamin C is Preserved in Broccoli

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Round 2 Ecology and Earth Sciences (EE)	Dorothy Hamm Middle School	Bell Daisy The Effect of Radiation on Seed Germination
Round 2 Ecology and Earth Sciences (EE)	Dorothy Hamm Middle School	Ganbat Egshiglen The Effect of Soil pH on the pH of Water
Round 2 Ecology and Earth Sciences (EE)	George H. Moody Middle School	Barathi Saravanan & The Effect of Different Natural Plasticizers on the Biodegradability and Water Solubility of Cornstarch Bioplastic Films
Round 2 Ecology and Earth Sciences (EE)	George H. Moody Middle School	Karmarkar Aarya The Effect of Fertilizer on Water Quality
Round 2 Ecology and Earth Sciences (EE)	George H. Moody Middle School	Martin Jenilia-The Effect of Water Purification Methods on the pH Level of Creek Water
Round 2 Ecology and Earth Sciences (EE)	George H. Moody Middle School	Shanshan Liu The Effect of the pH of Water on the Growth of Salvia Hispanica Seeds
Round 2 Ecology and Earth Sciences (EE)	George H. Moody Middle School	Suresh Dwani-The Effect of different Nutrient sources while using hydroponic systems on Different Plants.
Round 2 Ecology and Earth Sciences (EE)	George H. Moody Middle School	Zhang Olivia-The Effect of Ocean Acidification on Shell Weight Loss
Round 2 Ecology and Earth Sciences (EE)	Kenmore Middle School	Schroeder Zoe The Effect of the Type of Method on the Amount of Oil Cleaned Up
Round 2 Ecology and Earth Sciences (EE)	Sabot at Stony Point	Gupton, Thomas Testing the Water Quality of Lewis G. Larus Park's Crocksucker Creek
Round 2 Ecology and Earth Sciences (EE)	Sabot at Stony Point	Laswon, Charlie The Effect of Different Growing Conditions on the Growth of Rainbow Chard

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Round 2 Ecology and Earth Sciences (EE)	Sabot at Stony Point	Yellin, Nathan The Effect of the Rate of Heat Dissipation of Roofing Materials on the Urban Heat Island Effect
Round 2 Ecology and Earth Sciences (EE)	Swanson Middle School	Shoffner Sophia Phosphorus Filtration in Simulated Streamwater Runoff
Round 2 Ecology and Earth Sciences (EE)	Williamsburg Middle School	Ghosh Siddharth The Effect of APS Schools on Stormwater Quality
Round 2 Ecology and Earth Sciences (EE)	Williamsburg Middle School	Perrelli Alexander The Effect of the Type of Soil on the Amount of Water Retained.
Round 2 Ecology and Earth Sciences (EE)	Williamsburg Middle School	Umerov-Todoroki Maya The Effect of Nitrogen or Phosphate on Dissolved Oxygen Levels

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Round 2 Engineering & Technology (ET)	Dorothy Hamm Middle School	Cohen Gabriel The Effect of Communication Protocol on Network Communication Speed
Round 2 Engineering & Technology (ET)	Dorothy Hamm Middle School	Fox-Shin Angelo The Effects of Length on the Buoyancy of a Dowel
Round 2 Engineering & Technology (ET)	Dorothy Hamm Middle School	Tkablazde Luka The Effect of the Amount of Borax on the Electrical Conductivity of the Magnetic Slime Robot
Round 2 Engineering & Technology (ET)	George H. Moody Middle School	Pellreddy Eesha The Effect of Different Soundproof Materials on their Ability to Restrict Sound
Round 2 Engineering & Technology (ET)	George H. Moody Middle School	Rane Aryaman - Voltage Produced by a Bicycle Driven Across a Short Distance Connected to the Shaft of a Generator
Round 2 Engineering & Technology (ET)	George H. Moody Middle School	Sarkar, Adrito/The Effect of Sound Reduction Articles on Volume(dB) of VJAS
Round 2 Engineering & Technology (ET)	Individual	Parashar, Anika Plant Disease Detection Using Deep Learning
Round 2 Engineering & Technology (ET)	Individual	Rizvi Sophia Bandwidth Battle: How Remote Work and Streaming Apps Affect Internet Speed

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Round 2 Engineering & Technology (ET)	Kenmore Middle School	Malik Haya The Effect of Insulation Material on Heat Retention
Round 2 Engineering & Technology (ET)	Sabot at Stony Point	Phillips, Isaac Determining the Amount of Weight a Hand made of Cardboard, Other Scrap Materials, and a Pulley System will be able to Pick-Up
Round 2 Engineering & Technology (ET)	Swanson Middle School	Lyon Nora-The Effect of the Length of a Trebuchet's Short Arm on the Distance the Payload is Launched
Round 2 Engineering & Technology (ET)	Williamsburg Middle School	Parikh Sophie The Effect of the Number of Fins on Distance Traveled
Round 2 Engineering & Technology (ET)	Williamsburg Middle School	Ramsey Emily The Effect of Different Bus Routes on Efficiency

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Round 2 Human Behavior (HB)	Benton Middle School	Ahmad, Sajeela, The Effect of Suggestion on Visual Memory in Youth and Adults
Round 2 Human Behavior (HB)	Thomas Jefferson Middle School	Willford Jori What is the effect of marketing transparency on company trustworthiness?
Round 2 Human Behavior (HB)	Williamsburg Middle School	Thorsen Blake The Effect on Different Types of Music on the Percentage of Words Memorized

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Round 2 Mathematics: Patterns & Relationships (MP)	George H. Moody Middle School	Balasubramanian Rishvanth-The Effect of Unorthodox methods In Comparison to Standard Methods of Algebra and Higher on Significance of The Results Obtained by Applying it to The Collatz Conjecture
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Round 2 Physical Science & Astronomy (PA)	Dorothy Hamm Middle School	Coronado-Wager Kyra The Effect of Water Depth on Wave Velocity
Round 2 Physical Science & Astronomy (PA)	George H. Moody Middle School	Subramanian Shruthi Research of Effect of Various Types of Metal on Melting Ice
Round 2 Physical Science & Astronomy (PA)	George H. Moody Middle School	Sundarrajan Pranav The Effect of Varied Added Naturally-Occurring Substrates on the Efficiency of Voltage Production in a Microbial Fuel Cell (MFC):
Round 2 Physical Science & Astronomy (PA)	Sabot at Stony Point	Hanger, Avery How Does the Amount of Water Affect the "Flip" of a Bottle?
Round 2 Physical Science & Astronomy (PA)	Sabot at Stony Point	Montpetit, Weston What Materials Result in the Lowest Percent Error in a Calorimeter

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Round 2 Plant Science & Microbiology (PM)	Benton Middle School	Mahabir, Mason, The Effect of Fertilizers on Seedling Growth
Round 2 Plant Science & Microbiology (PM)	Benton Middle School	Martin,Olivia, The Effects Mouthwash has on Bacteria on the Teeth
Round 2 Plant Science & Microbiology (PM)	Benton Middle School	Moussavi, Sara, The Effect of Different Types of Benzoyl Peroxide on Bacterial Growth
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Akula Rishi The Effect of Different Levels of Water Acidification on the Germination of Typha latifolia
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Aravindank Maya-Research of The Effect of the type of medium on the height of the plant
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Chung Geunyoung The Effect of Different Amounts of Soap Water on Phaseolus Vulgaris (Green Beans)
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Daddala Darsh - The Effect of Eggshell Fertilizer on a Plant's Growth
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Gandhi Nitya Effect of the different pH levels on the plant growth.
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Goyal Radhika The Effect of Different Materials on Apple Ripeness

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Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Haught Jordan Effect of Interstellar Rock on the Cellular Survival of Lepidium Sativum (Common Garden Cress)
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Kumar Aditi The Effect of Different Amounts of Algacide on Aquatic Plant Growth
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Kumar Devansh Research of VJAS
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Mital Eshaan Effect of Turmeric on UVC-Induced damage in mung bean plants
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Nayak Riyan Effect of Type of Environment on Plant Height
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Parab Aakash The effect of natural and artificial fertilizers on soil pH
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Patankar Ishaan The Effect of Different Fertilizers on the Height of a Trigonella Foenum-Graecum over 14 days.
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Patel Aanchal - The Effect of Caffeine on Nigella Damascena Growth
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Santoso Fenya The Effect of Hydrogen Peroxide on the germination rate of slow bolt cilantro (Coriandrum sativum)

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Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Shankhwar, Shaivi: The Effect of Leftover Tea Leaves on Coriandrum sativum Germination Speed
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Shetty, Saharsh Darsh-The Effect of Biodegradable and Conventional Detergents on Plant Growth
Round 2 Plant Science & Microbiology (PM)	George H. Moody Middle School	Vasudev Aditi The Effect of Household Chemicals on the Growth of Chive Plants
Round 2 Plant Science & Microbiology (PM)	Sabot at Stony Point	Pozzi, Lucian What Method is Better to Grow Stachys byzantina, a Hydroponics System or an Aquaponics System?
Round 2 Plant Science & Microbiology (PM)	Sabot at Stony Point	Vickery, Raymond The Effect of Different Conditions on the Growth Rate of Succulents
Round 2 Plant Science & Microbiology (PM)	Williamsburg Middle School	Cartin Roxana The Effect of Different Age Levels on the Amount of Bacteria Found
Round 2 Plant Science & Microbiology (PM)	Williamsburg Middle School	Mangi Madeline The Effect of the Type of Plant on the Amount of Time Taken to Remove CO2 From the Atmosphere
Round 2 Plant Science & Microbiology (PM)	Williamsburg Middle School	Waldman Isaac The Effect of Common Sunscreen Chemicals on the Growth of Bean Plants