

Middle School Accepted Papers

2024 VJAS Symposium

May 4, 2024



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AH - Animal and Human Sciences

Submission Name	First Name	Last Name
Goel Ahana The Effect of Ashoka Extract on Drosophila Melanogaster	Ahana	Goel
Rachel Kamil The Ship of Theseus: The Effect of Context on the Human Brain	Rachel	Kamil
Karmarkar Aarya The Effect of Light Exposure on the Circadian Rhythm of Crickets	Aarya	Karmarkar
Kumar Devansh, The Effect of Pharmaceutical Pollution on Daphnia Magna Heart Rate (BPM)	Devansh	Kumar
Lateef Deen The Perils of Plastic Can Phytochemicals Overcome the Effect of Microplastics on the Health of Daphnia magna (Water Fleas)?	Deen	Lateef
Lile Grayson The Effect of Puzzle Bowls on the Eating Speed of a Canine	Grayson	Lile
Misra Anushka How Strong is Your Body's Base?	Anushka	Misra
Nevarez Carrillo Alexa An Investigation Into the Wavelengths of Light Perceived by Axolotl	Alexa	Nevarez Carrillo
Niemoller Olivia The Reactions of Cats when Presented with Different Scents	Olivia	Niemoller
Sheth Shiven The Effect of the Location of Oyster Reefs on Lead Accumulation on Oysters	Shiven	Sheth
Thruston Claire The Effect of Natural Ant Repellant on the Movement Pattern of Ants	Claire	Thruston

CS - Chemical Science

Submission Name	First Name	Last Name
Dodd Eve, Davis Ainsley The effect of different activators on the stretch of slime	Eve	Dodd
Ghai Dhruv, "The Effect of pH levels on the removal of rust from iron"	Dhruv	Ghai
Humphries Eliza, Lee Henry The Effect of different conditions on the erosion of soccer balls measured by mass	Eliza	Humphries
Kandukuri Viraj The Effect of pH Levels on the Preservation of the Fragaria x Ananassa	Viraj	Kandukuri
Ajoooni Kaur The Effect of Different Types of Salt on the Amount of Time it Takes for Ice to Melt	Ajoooni	Kaur
Mamidala Aditya The Effects of Different Liquid on Tooth Enamel	Aditya	Mamidala
Mital Eshaan Effect of common kitchen food wastes on voltage produced by a microbial fuel cell.	Eshaan	Mital
Park Thomas Salt Showdown: The Effect of Different Types of Salt on the Speed of the Rusting Process	Thomas	Park
Eesha Pellreddy The Effect of Various Amounts of Octyl Salicylate in Soap Mixtures on the Amount of Ultraviolet Radiation Prevented	Eesha	Pellreddy
Purohit Aditya The effect of the degree of photodegradation of natural and artificial light on the deterioration of Solanum lycopersicum	Aditya	Purohit
Sambangi Saanvi The Effect of Ayurvedic Oils on the Production of VOCs	Saanvi	Sambangi
Shetty Darsh & The Effect of Different Types of Fruit and Sports Drinks on the Electrolyte Replenishment for Athletes	Saharsh	Shetty
Shirodkar Vihaan The Effect Of Humidity On Metal Rust in Wood	Vihaan	Shirodkar
Thomas-Irvin Juliette Testing the effect of different dish soaps on elephant toothpaste	Juliette	Thomas-Irvin

EE - Ecology and Earth Sciences

Submission Name	First Name	Last Name
Chun Kieden, Reibel Lucy, The Effect of Different Types of Pollutants on the Production of Ammonia in Saltwater, Brackish Water, and Freshwater	Kieden	Chun
Ennis Pol, Padden Sam The Effect of Construction on Wildlife Populations in Lewis G. Larus Park Over 2 Years	Pol	Ennis
Habib Samara The Effect of Fertilizer on Soil pH	Samara	Habib
Hanger Avery The differences between water parameters in small ponds and the run off of small ponds	Avery	Hanger
Jansen Erin When in Drought... Natural Hydrogels as an Alternative Water Resource to Aid Water Retention in Soil	Erin	Jansen
Kandula Vihaan Effect of the Amount of Eisenia fetida on the pH of Soil	Vihaan	Kandula
Nath Sanjana The effect of oysters on the turbidity of water	Sanjana	Nath
Saxena Aarav-The Effect of Biodegradable Hydrogels on Biodegradability and its Ability to Soak Up Water	Aarav	Saxena
Tuteja Hargun The Effect of How Much Water Evaporates on Different Materials	Hargun	Tuteja
Zee Rebecca The Effect of Different Fertilizers on Water pH Levels	Rebecca	Zee

ET - Engineering and Technology

Submission Name	First Name	Last Name
Nimonkar Riya The Effects of Different Heat Shields on Durability and Heat Over Different Heat Cycles	Riya	Nimonkar

HB - Human Behavior

Submission Name	First Name	Last Name
Aravindan Maya The Effect of a group of musical notes on the various emotions felt by listeners	Maya	Aravindan
Mahesh Advika The effect of different nightly routines on the quality of sleep in school children.	Advika	Mahesh
Manoj Kumar Vertika, The Effect of Stress on Frustration	Vertika	Manoj Kumar
Pothunoori Hridhay, Adusumilli Ritvik, The Effect of Screen Time On Efficiency Of Completed Tasks	Hridhay	Pothunoori
Sathyanarayanan Vishrut The Effect of the Color of a Tasteless Liquid on the Perception of its Flavor	Vishrut	Sathyanarayanan

PA - Physical Science and Astronomy

Submission Name	First Name	Last Name
Ayalew Maedot The Effects of Seasonal Variation on the Kinematics of Coronal Mass Ejections Using the Solar and Heliospheric Observatory Satellite	Maedot	Ayalew
Amishi Chopra, The Effect of Different Materials Covering the Stem of the Musa Paradisiaca on Its Enzymatic Browning	Amishi	Chopra
Sankepalli Ananya The Effect of Different Types of Light on the Fading of Fabrics	Ananya	Sankepalli
Shepherd Beckett The Effect of Apple Wrapping on Oxidation Time	Beckett	Shepherd
Wong Preston The effect of fibers on UV rays	Preston	Wong

PM - Plant Sciences and Microbiology

Submission Name	First Name	Last Name
Guo Sophie The Effect Different Drinks Have on the Growth of E.coli	Sophie	Guo
Mallick, Rajat - The Effect of Soil Type on the Germination and Height of Chili Plants(Capsicum annum)	Rajat	Mallick
Mehta Saamiya, The Effect of Various Plants on Their Growth Using Hydroponics	Saamiya	Mehta
Naavaal Siddhant The Effect of Sugar Content in Soil on Root Growth and Germination Rate in White Clover (Trifolium repens).	Siddhant	Naavaal
Natarajan Rithik The Effect of Limited Space on Plant Nutrition and Growth	Rithik	Natarajan
Eshaan Patel The Effect of Light Source Color Temperature on CO2 Absorption by Houseplants.	Eshaan	Patel
Patil Tanvi The Effect of Salt Water on the Growth of Plants	Tanvi	Patil
Pozzi Lucian, The Effect of Black-strap Molasses as a Foliar Fertilizer on the Propagation and Leaf Growth of the Critically Endangered Species Stachys matthewsii	Lucian	Pozzi
Puranik Vikram Effect of Salinity on Seed Germination in B. oleracea	Vikram	Puranik
Raol Adityasinh The effect on the number of flies fed to a Venus flytrap in week on its mass.	Adityasinh	Raol
The Effect of Different Mediums on the Growth of Pilea Pepermoides Roots	Aarnav	Rudraraju
Setty Shreyash The Effect Of Different Weather Conditions On Marigold Flowers	Shreyash	Setty
Singhal Aditya Effect of different application methods of citric acid on the growth of Oryza sativa (rice)	Aditya	Singhal
Ujaria Nisarg The Effect of Music on the Growth of Sunflowers	Nisarg	Ujaria
Vachhani Aarna The Effect of Different Species of Plants on Carbon Dioxide (CO ₂) Levels	Aarna	Vachhani
Vadlamudi Aanya-The Effect of Homemade Organic Compost and/or Fertilizer on Plant Growth	Aanya	Vadlamudi
Vohra Aasiyah The Effect of Salicylic Acid (HOC ₆ H ₄ COOH) on the Growth Rate of Penicillium italicum	Aasiyah	Vohra
Wen Kevin The Effect of Soluble Mineral Compounds on Arugula Growth	Kevin	Wen