

2024 USEF - Elementary Division

Category and Rank	Name	School	Project Title
Behavioral & Social Sciences - First	Claire Pearson	Whittier Elementary (SLC)	Does Temperature Affect Sweetness Perception?
Behavioral & Social Sciences - Second	Ayan Mishra	Indian Hills Elementary	Eco-friendly or Wallet Friendly: Understanding Public Response
Behavioral & Social Sciences - Third	Nora Kaufman	Driggs Elementary	What Environments Encourage Kids to Read?
Behavioral & Social Sciences - Fourth	Everett Godfrey	McMillan Elementary	Screens vs Mental Health
Behavioral & Social Sciences - Honorable Mention	Amelia Johnson	Cottonwood Elementary	Oh I Remember!
Behavioral & Social Sciences - Honorable Mention	Aditi Nagalingam	American Preparatory Academy APA Draper 2	Better Me
Behavioral & Social Sciences - Honorable Mention	Bella Newton	St. John the Baptist Middle School	Color Confusion
Behavioral & Social Sciences - Honorable Mention	Landon Garcia	American Preparatory Academy APA West Valley 2	Words to Grow by
Biology & Microbiology - First	Mara Jury nec	Morningside ALC	Bacteria Killers! Identifying plants that have antibacterial properties.
Biology & Microbiology - Second	Rowan Kinsey	Canyon Rim Academy	What Common Household Materials Filter Roof Harvested Rainwater the Best?
Biology & Microbiology - Third	Siddharth Sarkar	Challenger	The great DNA Experiment
Biology & Microbiology - Fourth	Emilia Young & Ayla Martinez	Indian Hills Elementary	Smell and Sight Taste Test
Biology & Microbiology - Honorable Mention	Layla Ocampo	Esperanza Elementary	Effects of Exercise: Changes in CO2 Output
Chemistry & Biochemistry - First	Edson Mendoza	Esperanza Elementary	Helpful Hydrogels
Chemistry & Biochemistry - Second	Sydney Dodson & Natalee Jensen	Oak Hollow Elementary	Stretch-tacular Slime
Chemistry & Biochemistry - Third	Flint Evans	Canyon Rim Academy	The Hottest Hand Warmer
Chemistry & Biochemistry - Fourth	Toby Mcleod & Lev Wickelson	Whittier Elementary (SLC)	Iron Gall, Inc.
Chemistry & Biochemistry - Honorable Mention	Kingston Gray	Highland Park Elementary	Which Soda is the Best Rust Remover?
Chemistry & Biochemistry - Honorable Mention	Alethea Stanger Lopez	Wright Elementary	Surprising Diaper Discoveries
Chemistry & Biochemistry - Honorable Mention	Winston Turpin	Challenger	The Effect of Exposure Time of Alumina on the Removal of t-Butylcatechol from Commercial Isoprene
Chemistry & Biochemistry - Honorable Mention	Evie Sjoblom	Driggs Elementary	To Lid or Not to Lid that is the Question
Chemistry & Biochemistry - Honorable Mention	Claudia Memmott	Willow Elementary	Yeast Explosion
Chemistry & Biochemistry - Honorable Mention	Amalee Gregersen	Twenty Wells	Cleaning Off Buffalo Sauce
Civil & Environmental Engineering - First	Lucy Caine & Elizabeth Gurgel	Indian Hills Elementary	Fish Out of Water
Civil & Environmental Engineering - Second	Mattaeus Thomsen	Challenger	Mud Bricks Turned Mighty
Civil & Environmental Engineering - Third	Sai Chandan	American Preparatory Academy APA Draper 2	Avoiding Disaster-Building Strong and Sustainable Bridges
Civil & Environmental Engineering - Fourth	Zurie Rowberry, Scarlet Orton & Willow Hackwell	Viewmont Elementary	Save the Ducks
Civil & Environmental Engineering - Honorable Mention	Lev Burtsev	Uintah Elementary	Monitoring Indoor Air Quality During Inversion
Civil & Environmental Engineering - Honorable Mention	Paizley Chavez	Sterling Elementary	Base Isolators, Do They Help?
Computer Science & Applied Computational Methods - First	Boston Cederholm	Oakwood Elementary	Are You On The Fence About Artificial Intelligence?
Computer Science & Applied Computational Methods - Second	Nathan Lin	Whittier Elementary (SLC)	Scratch Mini Nerdle Solver
Computer Science & Applied Computational Methods - Third	Sebastian Litchman, Michael Patino & Myles Morrison	Dilworth Elementary	Does Artificial Intelligence Have Consistency?
Earth & Environmental Sciences - First	Noah Soukup	Cottonwood Elementary	Sprout in Drought: Using Biodegradable Hydrogels to Conserve Water in Agriculture
Earth & Environmental Sciences - Second	Annie Jia	Emerson Elementary	Dangers of the Drying Salt Lake
Earth & Environmental Sciences - Third	Natasha Pakhtoussova	St. John the Baptist Middle School	Nanotechnology cleans the ocean.
Earth & Environmental Sciences - Fourth	Lina Saleh	Rowland Hall	Will Salt Loving Plants Save us from the Arsenic in the Great Salt Lake?
Earth & Environmental Sciences - Honorable Mention	Leigh Burningham	Driggs Elementary	What's killing one of Great Salt Lake's Important Food Sources?
Earth & Environmental Sciences - Honorable Mention	Marina Chen	Challenger	Crashing The Particle "Party": The Effect of Different Air Purification Methods on the Removal of Large and Small Particles
Earth & Environmental Sciences - Honorable Mention	Gabby Beall	St. John the Baptist Middle School	What to Know About H2O

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Earth & Environmental Sciences - Honorable Mention	Shruti Karthik	Challenger	Water Filtration Techniques
Earth & Environmental Sciences - Honorable Mention	Henry Lara	Esperanza Elementary	Does the form of activated carbon and its particle size matter for filtration?
Earth & Environmental Sciences - Honorable Mention	Avery Roos	Challenger	Do or Don't Clean Your Air
Electrical Engineering - First	Uilliam Butler	McMillan Elementary	Skittle Sorter
Electrical Engineering - Second	Bulat Urmeyev	Challenger	Hot & Cold Resistance
Electrical Engineering - Third	Anagha Karthik	Morningside ALC	Sound that Shines
Electrical Engineering - Fourth	Griffin Evans & Oliver Payne	Ensign Elementary	Batter Up: Using a Motion Sensor to Practice Baseball
Energy: Chemical & Physical - First	Henry Clark	Wasatch Jr. High	Heat From Darkness
Energy: Chemical & Physical - Second	Miles Nelson	Overlake Elementary	Bubble Bath Blanket: Exploring the insulative properties of bubble bath.
Energy: Chemical & Physical - Third	Van Peters	Emerson Elementary	Backstroke Journey
Energy: Chemical & Physical - Fourth	Raaga Reddy Sama	American Preparatory Academy APA Draper 2	Hydraulic Elevator
Energy: Chemical & Physical - Honorable Mention	Emily Silon	Cottonwood Elementary	The Pressure is On
Energy: Chemical & Physical - Honorable Mention	Dane Crawford	McMillan Elementary	Voltage Voyage
Energy: Chemical & Physical - Honorable Mention	Lily Francis, Lua Birdwell & Charlotte Machol	Wasatch Elementary	Testing Tea Heat Insolation with Different Types of Cups
Energy: Chemical & Physical - Honorable Mention	Carter Pugh	Highland Park Elementary	Peeps in Paradise
Mechanical & Materials Engineering - First	Sophia Jacob	Driggs Elementary	How does Wingspan Affect Flight Distance
Mechanical & Materials Engineering - Second	Devere Fogarty	Emerson Elementary	Creating a Door Opening Machine Using LEGO Materials
Mechanical & Materials Engineering - Third	Nathan Rivet	St. John the Baptist Middle School	3D Printer Nozzle Temperatures
Mechanical & Materials Engineering - Fourth	Michael Mclachlan	Challenger	Creepy Salt
Mechanical & Materials Engineering - Honorable Mention	Vivian Le	Challenger	Revolutions in Charge
Mechanical & Materials Engineering - Honorable Mention	Damen Stephens	Cottonwood Elementary	Bike bubble wrap
Mechanical & Materials Engineering - Honorable Mention	Cassius Hitchcock	Emerson Elementary	EXPANDABLE PLANTER
Mechanical & Materials Engineering - Honorable Mention	Vivienne Baltz	Bonneville Elementary	The Fintastic Fish Food Feeder
Mechanical & Materials Engineering - Honorable Mention	Lucy Morlock	Grant Elementary	Get the ball a rollin'
Mechanical & Materials Engineering - Honorable Mention	Nate Mcbrier	Ensign Elementary	RC Car Madness: Gear Ratios and Motor Heat
Medicine, Health Sciences, & Biomedical Engineering - First	Holland Smith	Wasatch Jr. High	Evaluating the Efficacy of Beef Tallow Soap as a Natural Remedy for Atopic Dermatitis
Medicine, Health Sciences, & Biomedical Engineering - Second	Emily Schmidt, Kjersti Tessem & Janessa Child	Channing Hall	Flexibility With Age
Medicine, Health Sciences, & Biomedical Engineering - Third	Ava Hotckin	Uintah Elementary	Understanding Sleep Patterns with 5th and 6th Graders at Uintah Elementary
Medicine, Health Sciences, & Biomedical Engineering - Fourth	Hayley Lund	American Preparatory Academy APA Draper 2	The Zebra Skin Patch: Protecting People With Skin Fragility
Medicine, Health Sciences, & Biomedical Engineering - Honorable Mention	Elizabeth Rets	Wasatch Jr. High	Stop Bleeding Fast: What To Use
Physics, Astronomy & Math - First	Rain Wang	Morningside ALC	Predicting Whether an Individual Has Diabetes Using Logistic Regression Modeling
Physics, Astronomy & Math - Second	Aarya Nagar	Challenger	Sliding with Cycloids: The Brachistochrone Problem.
Physics, Astronomy & Math - Third	Delilah Hart	Quail Hollow Elementary	Drag Coefficient
Physics, Astronomy & Math - Fourth	Catherine Fuller	Challenger	Under Pressure
Physics, Astronomy & Math - Honorable Mention	Boston Francis & Gavin Meidell	Peruvian Park Elementary	Rocket Science
Physics, Astronomy & Math - Honorable Mention	James Zheng	Challenger	Let Light Taste the Salt Lake
Physics, Astronomy & Math - Honorable Mention	Thayne Thomas	Bonneville Elementary	Blades of Steel: The Physics of Hockey Skate Sharpening
Physics, Astronomy & Math - Honorable Mention	Curtis Andercoe	Bonneville Elementary	Breathe in Baseball
Physics, Astronomy & Math - Honorable Mention	Truman Barney	Morningside ALC	The Birthday Paradox

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Physics, Astronomy & Math - Honorable Mention	Nishka Namjoshi	Whittier Elementary (SLC)	Effects of Osmosis
Plant Sciences - First	Linnea Elisabeth Schmid	Bonneville Elementary	Happy Plant
Plant Sciences - Second	William Franks & Emmanuel Adebunmi	Bonneville Elementary	Do Plants Sense Gravity
Plant Sciences - Third	Maggie Hanna	Our Lady of Lourdes	Hydrogels for Plants
Plant Sciences - Fourth	Eishal Syed	Challenger	Germination Race