

USEF 2019 - Elementary Division			
Category and Rank	Name	School	Project Title
Behavioral & Social Sciences - First	Aliyah Grijalva	St. Joseph Elementary School	Say it again, my eyes didn't catch it!
Behavioral & Social Sciences - Second	Nicolas Bailey	Dual Immersion Academy	Color & Emotions
Behavioral & Social Sciences - Third	Allison Sorenson	American Preparatory Academy APA Draper 2	The U.S. Citizenship Test: Can You Pass?
Behavioral & Social Sciences - Fourth	Elisabeth Lee	Grantsville Elementary	Bathroom Hand Washing
Behavioral & Social Sciences - Honorable Mention	Carter Vijayaraghavan	American Preparatory Academy APA Draper 2	5 Second Rule
Behavioral & Social Sciences - Honorable Mention	Everett Jackson & Charles Eagleston	Cottonwood Elementary	What Motivates 6th Graders?
Behavioral & Social Sciences - Honorable Mention	Rachel DuVall	Fox Hills ALC	Humans v.s. Computers
Behavioral & Social Sciences - Honorable Mention	Naomi Parnell	Bonneville Elementary	Are You Inside Out? Color association with concepts
Behavioral & Social Sciences - Honorable Mention	Gideon Kirby	Silver Mesa Elementary	Kids, Signs, or Cops? What makes speeders stop?
Behavioral & Social Sciences - Honorable Mention	Molly Bell, Charlotte Bean & Isabel Pugsley	Bonneville Elementary	Memorizing Strategy's
Biology & Biochemistry - First	David Habib	Challenger	Enzyme Activity
Biology & Biochemistry - Second	Selleck Tedrow	Uintah Elementary	A Comparison of Egg Density Between Pastured and Factory Farmed Eggs
Biology & Biochemistry - Third	Gavin Reilly	Uintah Elementary	The Effect of Salt on Bacterial Growth
Biology & Biochemistry - Fourth	Eva Dvoretzkiy	Challenger	Fountain of Youth
Biology & Biochemistry - Honorable Mention	Paritosh Mahanthi	American Preparatory Academy APA Draper 1	Which is Better? Bacteria vs Personal Hygiene Products
Biology & Biochemistry - Honorable Mention	Jennifer Parke	American Preparatory Academy APA Draper 2	Are Fingerprints Inherited?
Chemistry - First	Joad Al-Saleh	Fox Hills ALC	Heartburn Vs. Antacids
Chemistry - Second	Nikolas Vargas	St. Francis Xavier	To rust or not to rust
Chemistry - Third	Molly Bytheway	McMillan Elementary	Soaking Up Science
Chemistry - Fourth	Matayis Fuenmayor	St. Francis Xavier	Fermentation Feud
Chemistry - Honorable Mention	Josie Larson	Wasatch Jr. High	Cookie Chemistry
Chemistry - Honorable Mention	Ava Hansen	McMillan Elementary	Corrosion Explosion
Chemistry - Honorable Mention	Jadalyn Lewis	Middle Canyon Elementary	What Puts the Puffin' in your Muffin?
Chemistry - Honorable Mention	Linnea de St. Germain	Whittier Elementary (SLC)	Rise of the Cookies
Chemistry - Honorable Mention	Jarius McCarthy	Eastwood Elementary	The Household-Chemical Cooler/Warmer
Chemistry - Honorable Mention	Domiona Marine	Challenger	Sugar Ice cream Freeze
Earth & Environmental Sciences - First	McCall Birkinshaw	Morningside ALC	Evaporation Exploration
Earth & Environmental Sciences - Second	Janaki Spaulding	Wasatch Jr. High	Keepin' It Cool
Earth & Environmental Sciences - Third	Toryn Lewis	Ecker Hill Middle School	Know your Snow
Earth & Environmental Sciences - Fourth	Aiden Gandhi	Rowland Hall	Air, Wind & Rain
Earth & Environmental Sciences - Honorable Mention	Erin Wilhelm	Hawthorne Elementary	The Quicker Picker Upper?
Earth & Environmental Sciences - Honorable Mention	Joey Heuser	Ecker Hill Middle School	Carbon Dioxide and Air Temperature Changes in Direct Sunlight
Earth & Environmental Sciences - Honorable Mention	Ethan McCulloch & Ethan McCulloch	Hawthorne Elementary	What is the Best Common Roofing Material for Insulation?
	Kathryn Schofield	Jeremy Ranch Elementary	Turbidity of Toll Canyon Creek
	Vineet Subramanyan	Challenger	Water Purification Using Natural Materials
Earth & Environmental Sciences - Honorable Mention	Sylvia Kim	Bonneville Elementary	Does the cost of flushable wipes affect how well it falls apart?
Energy: Chemical & Physical - First	Arvind Krishnan	Challenger	May the Electromagnetic Force Be With You
Energy: Chemical & Physical - Second	Sebastian Duarte	Blessed Sacrament	Bring The Heat: The Insulation That Can't Be Beat
Energy: Chemical & Physical - Third	Ashton Hansen & Bentley McLaws	Viewmont Elementary	The Meltdown
Energy: Chemical & Physical - Fourth	Ridhitha Nachaegari	Challenger	Green Power Bike
Energy: Chemical & Physical - Honorable Mention	Penelope Madsen	Morningside Elementary	Playing with Fire Yet Again
Energy: Chemical & Physical - Honorable Mention	Meskele Allison & Daxelle Marshall-Warrens	McPolin Elementary	Solar Powered Desalination
Energy: Chemical & Physical - Honorable Mention	Nidhi Choudhari	St. John the Baptist Middle School	Color and Temperature

Energy: Chemical & Physical - Honorable Mention	Gwenneth Hsu	Parley's Park Elementary	More Power to Rooftop Solar Power
Energy: Chemical & Physical - Honorable Mention	Jake Pehrson	McMillan Elementary	Freezing Batteries
Engineering: Civil & Environmental - First	Jack Green & Peter Clayton	Highland Park Elementary	Can You Lift a Car with Two Phone Books?
Engineering: Civil & Environmental - Second	Kendell Loertscher	Horizon Elementary	Bridge Strength
Engineering: Civil & Environmental - Third	Kennedy McCarthy	Jeremy Ranch Elementary	Safe and Efficient Bridge Design
Engineering: Civil & Environmental - Fourth	Sebastian Wrona	Ecker Hill Middle School	KICKBOARD Plus
Engineering: Civil & Environmental - Honorable Mention	Andrew Crouch	The McGillis School	The Pressure Reducing Turbine
Engineering: Electrical & Computer Science - First	Evan Weinstein & Merrick Davidson	Rowland Hall	Red Light, Green Light
Engineering: Electrical & Computer Science - Second	Julia Powell	Ensign Elementary	Simulating Object Motion Using Scratch
Engineering: Electrical & Computer Science - Third	Moses Samuelson-Lynn	Home School	Optimal Pivots for Quicksort: Manipulating Run Times With Insertion Sort to Approximate Those of Mergesort
Engineering: Electrical & Computer Science - Fourth	Freya Schultz	Eastwood Elementary	Reducing LED Flicker
Engineering: Electrical & Computer Science - Honorable Mention	William Harrison	Alta View Elementary	Tic Tac Toe AI
Engineering: Materials & Biomedical - First	Ruby Harris	Canyon View Elementary	Will Lightning Destroy Carbon Fiber Airplanes?
Engineering: Materials & Biomedical - Second	Breanna Hyre	Rose Springs Elementary	Purrfect Pillow
Engineering: Materials & Biomedical - Third	Erin Donovan & Ella Gelston	Ecker Hill Middle School	The Filter
Engineering: Materials & Biomedical - Fourth	Annabelle Smith	Viewmont Elementary	What is the lightest material that I can put inside a toilet paper tube to make it hold my weight?
Engineering: Mechanical - First	David Larsen & Alex Beckstead	Viewmont Elementary	Automatic Chicken Door
Engineering: Mechanical - Second	Lilly Johnson	West Kearns Elementary	Hydraulic Arm Grabber
Engineering: Mechanical - Third	Jensen Lewis	Morningside Elementary	Weight-ing For Takeoff
Engineering: Mechanical - Fourth	Kayden VanCott & EJ Hernandez	Wright Elementary	Automatic Water Dispenser
Engineering: Mechanical - Honorable Mention	Ava Clark	St. John the Baptist Middle School	Potential Energy Unwound
Engineering: Mechanical - Honorable Mention	Jack O'Bryan	Spring Lane Elementary	Balloon-Powered Car
Engineering: Mechanical - Honorable Mention	Keva Lawlor	Hawthorne Elementary	Lights On!
Engineering: Mechanical - Honorable Mention	Kate Parkinson	West Kearns Elementary	Neck Stand
Medicine & Health Sciences - First	Henry Kaufman & Clara Jewell	Driggs Elementary	MONOs vs. DIs
Medicine & Health Sciences - Second	Tessa Kennedy Nadjalin	Morningside ALC	The Relationship Between the Sense of Smell and Age
Medicine & Health Sciences - Third	Erin Sjoblom	Morningside ALC	Rush to Relief
Medicine & Health Sciences - Fourth	Aadarsh Kuberan	Challenger	What's Good For Your Blood Vessels
Medicine & Health Sciences - Honorable Mention	Colin Wallace	Whittier Elementary (SLC)	How Candy Types Affect Hunger and Energy Levels
Medicine & Health Sciences - Honorable Mention	Daniel Holmberg & Jacob Holmberg	Highland Park Elementary	Twins: A Human Mirror?
Medicine & Health Sciences - Honorable Mention	Miles Baker	Morningside Elementary	pH! Exploring the relationship between low-pH drinks and cavities
Medicine & Health Sciences - Honorable Mention	Kyle Clarke	Trailside Elementary	Which sunscreen protects best: lotion, stick or spray?
Medicine & Health Sciences - Honorable Mention	Kristen Layton	Challenger	The Tooth and Nothing But the Tooth
Medicine & Health Sciences - Honorable Mention	Victoria Rose	McMillan Elementary	Can You Take the Heat?
Physics, Astronomy & Math - First	Mindy Phan	Wasatch Jr. High	Fetch It, Then Stretch It
Physics, Astronomy & Math - Second	Yaniv Tausky	Hawthorne Elementary	Serve Velocity and String Tension in Tennis
Physics, Astronomy & Math - Third	Grant Eliason & James Eliason	Emerson Elementary	It's a Long Shot!
Physics, Astronomy & Math - Fourth	Kai Michal Makowski	Fox Hills ALC	Fast And Furious
Physics, Astronomy & Math - Honorable Mention	Wyatt Efrusy	Silver Summit Elementary	How Does Slope Angle Affect a Skier's Speed?
Physics, Astronomy & Math - Honorable Mention	Atticus Bradley	Sunrise Elementary	Electromagnetic Limits

Physics, Astronomy & Math - Honorable Mention	Elizabeth Holbrook	Reid School	What is the Force of Light Pollution? Light Pollution, What is It and What are the Effects?
Physics, Astronomy & Math - Honorable Mention	Jackson Tait	St. John the Baptist Middle School	Aerodynamics of a golf ball
Physics, Astronomy & Math - Honorable Mention	Senya Walker	Silver Mesa Elementary	How the Height of Water Influences Hydrostatic Pressure
Physics, Astronomy & Math - Honorable Mention	Clara Partain	Quail Hollow Elementary	How do we know how big our sun is?
Plant Sciences - First	Mary Slatter	St. Joseph Elementary School	One Leaf, Two Leaf, Red Leaf, Green Leaf
Plant Sciences - Second	Sophie Zheng	Challenger	Let it Grow
Plant Sciences - Third	Claire Bartlett & Erika Bartlett	Peruvian Park Elementary	Will It Live
Plant Sciences - Fourth	Hugo Moreno Jr.	St. Francis Xavier	Let's plant it!!
Plant Sciences - Honorable Mention	Leah Taylor, Dylan Treend & Justice Mumford	Indian Hills Elementary	Lentil Plants Are Growing Up
Plant Sciences - Honorable Mention	Sienna Price & Chantalla Huang	Granite Elementary	What Liquid Work Best For Plant Growth?
Plant Sciences - Honorable Mention	John Bruns, Vibhav Kishore & Rafid Aayan	Channing Hall	Project Aqua-Gray
Plant Sciences - Honorable Mention	Jade Wilson	Blessed Sacrament	Effects of Light Spectrum on Plant Growth