

2024 SLVRSF Grand Awards Press Release

Category: **Behavioral & Social Sciences**

Division: **Elementary School**

First Place

Selena Montoya

Justice Heritage Academy Elementary

Peanut butter and jelly sandwich

Division: **High School**

First Place

Loretta Love-Brown

Monte Vista High School

How Stress Affects Everyday Decisions

Second Place

William Walker

Monte Vista High School

Listen, Look, Touch: The Impacts of Learning Modality on Student Academic Performance and Retention

Third Place

Asia Alarid

Monte Vista High School

Manuel Ochoa

From Stress to Success: Analyzing the Impacts of Student Involvement on Stress Levels

Honorable Mention

Dejah Jacquez

Monte Vista High School

Dozing Off: The Impacts of Busy Lives on Sleep Patterns of People

Honorable Mention

Micaela Casillas

Justice Heritage Academy High School

Does Music Change Dogs' Attitude?

Honorable Mention

Joe Ray Romero

Justice Heritage Academy High School

Remembering Digits

Division: **Middle School**

First Place

Brysan Medina

Sargent Middle School

Crazy Concussions

Second Place

Natalia Romero

Justice Heritage Academy Middle School

Attachment Issues

Third Place

Avery Duran

Sanford Middle School

Music on My Mind

Honorable Mention

Mayleigh Blount

Sargent Middle School

Sleepy Learning

Honorable Mention

Kenley Mitchell

Sargent Middle School

Am I Stressing You Out

Honorable Mention

Malachi Casillas

Justice Heritage Academy Middle School

Does a color of a room affect a humans behavior

Category: **Biomedical Sciences**

Division: **Elementary School**

First Place

Faryn Jackson

La Jara Elementary

Tooth Troubles: The Effect of Liquids on Teeth

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Second Place

Avarie Lester

Bill Metz Elementary School

How Does Altitude Affect Health?

Third Place

Zario Acosta

Bill Metz Elementary School

Breathe In, Breathe Out, Watch Out!

Honorable Mention

Isaac Avila

Sangre De Cristo Elementary School

Where The Wild Things Grow

Honorable Mention

Briar Watson

Bill Metz Elementary School

Why Do We Dwindle Over the Years?

Honorable Mention

Lyla Gerardo

Sierra Grande Elementary School

Hand Sanitizer vs. Hand Soap

Division: High School

First Place

Logan Futrell

Monte Vista High School

Stabilizing Sugars

Second Place

Hayden Poe

Justice Heritage Academy High School

Kinetosis will knock you off your toes, sis!

Honorable Mention

Claire Seger

Monte Vista High School

An Analysis of Spaceflight-Induced Osteopenia and Muscular Atrophy Over Extended Zero Gravity Missions

Division: Middle School

First Place

Rylie Harmon

Sargent Middle School

Safe To Drink?

Second Place

Bella Maze

Sargent Middle School

Warehouse Worries

Third Place

Bella Hoover

Ortega Middle School

Got Air?

Honorable Mention

Aubrey Naranjo

Sargent Middle School

Super Slobbers

Honorable Mention

Slade Sowards

Centauri Middle School

The Big Squeeze

Category: Botany

Division: Elementary School

First Place

Dillan Guerrero

Sanford Elementary School

Curl Up and Dye

Second Place

Guadalupe Garcia Lopez

Sierra Grande Elementary School

Hydroponics: Growing without Soil

Division: High School

2024 SLVRSF Grand Awards Press Release

First Place

Hannah Shelton

Centauri High School

Applied Mycology: Do fungal endophyte communities differ between Western Spruce Budworm Infested Douglas fir and Uninfested Douglas Fir?

Second Place

Jordan Rockey

Monte Vista High School

Effectiveness of Insect Management Practices on the Spread of Potato Virus Y

Third Place

Ernesto Ochoa-Marquez

Monte Vista High School

The Effects of Heavy Metals on the Growth of S. tuberosum, M. sativa, Z. mays, and P. vulgaris.

Honorable Mention

Avery Stockham

Justice Heritage Academy High School

The Effects of Different Types of Light on Plants

Division: Middle School

First Place

Jossilyn Wagar

Sargent Middle School

Rotten Project: How Effective are Fungicides that Prevent Post-Harvest Potato Rot?

Second Place

Elaina Consaul

Sargent Middle School

Boost The Roots!

Third Place

Austyn Johnson

Centauri Middle School

Does Your Soil Have What It Takes?

Honorable Mention

Alexis Ochoa

Monte Vista Middle School

Do Different Color Lights Affect Plant Growth?

Honorable Mention

Westlea Tipword

Center Middle School

Effects of Burnt Soil on Seed Germination

Honorable Mention

Sophia Mitchell

Sargent Middle School

Aphids Attack

Category: Chemistry

Division: Elementary School

First Place

Sydney Montague

La Jara Elementary

The Breakfast of Champions

Second Place

Gianna Velasquez

Bill Metz Elementary School

Searing Cold Atmosphere of Sublimation!

Third Place

JuliAnna Medina

Bill Metz Elementary School

Crystal Magic

Honorable Mention

Dariel Santillano

Sierra Grande Elementary School

Rocketology: Baking Soda vs. Vinegar

Honorable Mention

Aydan Rice

Sangre De Cristo Elementary School

Potato Power

Honorable Mention

Charlee Torres

Sierra Grande Elementary School

Rising Muffins

Division: High School

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First Place

Augustus Miller

Monte Vista High School

Synthesizing Cellulose Acetate-Polyurethane for the Removal of Heavy Metal Ions from Water via Adsorption

Second Place

Xavion Duran

Monte Vista High School

Hairology: The Effects of Hair Bleach on the Condition of Hair

Honorable Mention

Rachael Large

Justice Heritage Academy High School

Trying to find an Ethical type of Plastic

Division: Middle School

First Place

Tyson Montague

Centauri Middle School

Orange Juice: The Sunshine in Your Cup

Second Place

Tyshiana Frank

Sargent Middle School

Are Smart Devices Really Smart?

Third Place

Lilyana Wisniewski

Centauri Middle School

Can You Make Ice Colder?

Honorable Mention

Urijah M. Fielder

Sargent Middle School

A Radiation Situation

Honorable Mention

Malachi Coordova

Ortega Middle School

The race to 140

Honorable Mention

Lucius Gallegos

Home School Middle School

OOBLECK IS AWESOME?

Category: Consumer Sciences

Division: Elementary School

First Place

Kylee Simpson

Sierra Grande Elementary School

Pop it Right!

Second Place

Kyndall Mccarroll

La Jara Elementary

Does White or Wheat Bread Mold Faster?

Third Place

Tatyana Clarke

Bill Metz Elementary School

Silly Apples

Honorable Mention

Malachi Aldrich

Sangre De Cristo Elementary School

The Mold Infestation

Honorable Mention

Ellianez Casillas

Justice Heritage Academy Elementary

Candy apples

Division: Middle School

First Place

Addie Paulson

Sargent Middle School

Tricky Treats

Second Place

Edith Wilner

Ortega Middle School

Taste the Rainbow

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Third Place

Kaylan Crowther

Centauri Middle School

Mouth Watering Macarons

Honorable Mention

Daniel Montoya

Justice Heritage Academy Middle School

Which is better: Cooking with care or with speed

Honorable Mention

Alberto Arias

Ortega Middle School

Mold on Fruit Prevention Methods

Honorable Mention

Gavin Graber

Centauri Middle School

Sugar....How Sweet

Category: **Earth & Space Sciences**

Division: **Elementary School**

First Place

Drew Johnson

Manassa Elementary School

Super Heroes: Are Plants the Answer to Erosion?

Division: **Middle School**

First Place

Jacy Phillips

Sargent Middle School

How Well, Is Your Well?

Second Place

Taylor Adams

Sargent Middle School

How Low Does It Go ?

Third Place

Ja'Liyah Dunn

Centauri Middle School

Aubrey Sowards

Spotting The Sun

Honorable Mention

Tabias Pacheco

Monte Vista Middle School

Paleolimnological interpretation of a paleolake at sand dunes national park using diatoms

Honorable Mention

Joslyn Mix

Ortega Middle School

Greater Density: Polished versus Unpolished

Honorable Mention

Timothy Culler

Sanford Middle School

Counting Stars Underneath the Moon

Category: **Engineering**

Division: **Elementary School**

First Place

Ori McDonald

Bill Metz Elementary School

Popsicle Stick Tower Destruction!

Second Place

Ryker Buhr

La Jara Elementary

Luke Sorensen

Electro-Magnet

Third Place

Luis Casillas

Justice Heritage Academy Elementary

How to Make a Pop Can Grill

Honorable Mention

Jose Banuelos

Sierra Grande Elementary School

3-D Printing Challenge

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Honorable Mention

Leedrik Porter

Sierra Grande Elementary School

Amazing Catapult

Honorable Mention

Syrie Tillman

Sangre De Cristo Elementary School

The Best Baller Ever

Division: High School

First Place

Emilio Martinez

Alamosa High School

F.A.L.L. (Falling Avionic Light Landing): Analysis of Control Surfaces upon Atmospheric Re-entry

Second Place

Lance Refior

Alamosa High School

Stephen Rigsbee

How to Maximize Your Ballista's Performance in Three Easy Steps

Third Place

Natalie Montoya

Justice Heritage Academy High School

Recyclable Drums

Division: Middle School

First Place

Parker Mitchell

Sargent Middle School

Lure Launcher

Second Place

Rylen Ross

Monte Vista Middle School

Cooling for Solar

Third Place

Zaiden Villagomez

Monte Vista Middle School

Bird Strikes and how to Prevent them

Honorable Mention

Kashton Kloppel

Monte Vista Middle School

Rolling With Rays

Category: Environmental Sciences

Division: Elementary School

First Place

Dale Herch

Sierra Grande Elementary School

Biogas Fun

Second Place

Zalyana Garcia

Manassa Elementary School

What Filtration Method Works Best to Filter Water?

Third Place

Eccselynce Berry

Haskin Elementary School

Annamarie Martin

SOS Save Our Soil

Division: High School

First Place

Valerie Goodland

Monte Vista High School

Hidden Fragments: Isolating and Detecting Microplastics in Rivers and Municipal Water Supplies

Second Place

Kaedyn Serak

Monte Vista High School

Are You a Water Addict

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Honorable Mention**Kira Taylor**

Centauri High School

Elk On The Move: Mapping The Migration Of Elk Herd From Baca National Wildlife Refuge To The Great Sand Dunes National Park During Hunting Season

Honorable Mention**Addison Roepke**

Upper Rio Grande High School

How Effective Are Polymers and Coagulants in Removing Nitrates From Water?

Honorable Mention**Nevaehen Quintana**

Centennial High School

Miguel Salcido*Pour oil on troubled waters: A comparative study on the effectiveness of the sawdust, kitty litter, and hay as a sorbent in oil spills*

Division: Middle School**First Place****Kinleigh Hathorn**

Sargent Middle School

Return From the Brink: The Effect of Slurry on the Natural Environment

Second Place**Clara Miller**

Sanford Middle School

To Till or Not To Till...That is the Question

Third Place**Paisley Anderson**

Creede Middle School

Making a Grande Splash in the Rio

Honorable Mention**Kristin Atkinson**

Sanford Middle School

How Beaver Dams affect the Ecosystem

Honorable Mention**Hunter Horton**

Centauri Middle School

Josh McDaniel*Stream Saviors*

Category: Mathematics & Computers**Division:** Elementary School**First Place****Daniel Gonzalez**

Sierra Grande Elementary School

Creating a Video Game Using Google Slides

Division: High School**First Place****Maria Sears**

Monte Vista High School

Help! I Need Somebody: An Assistive Device That Notifies Emergency Services Once a Fall Has Been Detected

Second Place**Abigail Adams**

Alamosa High School

Julia Leary*Fano Finesse: Spot The Plane*

Third Place**Jace Morgan**

Alamosa High School

Smart Weather

Division: Middle School**First Place****Lucy Brittain**

Creede Middle School

Mosquito Bite; West Nile Fright

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Second Place

Josiah Houser

Sargent Middle School

Gone Fishing

Third Place

Liam Griffin

Sargent Middle School

Now You See It, Now You Don't, Calculating Water Loss Due to Sublimation

Category: *Physics*

Division: *Elementary School*

First Place

Izabella Pacheco

Manassa Elementary School

Building on Slopes

Second Place

Payson Cary

Sanford Elementary School

Vroom Vroom...How Fast Can it Go?

Third Place

Jordin Portillo

Sierra Grande Elementary School

Can Food Produce Electricity?

Honorable Mention

Oliver Torres

Bill Metz Elementary School

Does Size Matter?

Honorable Mention

Eva Stewart

Justice Heritage Academy Elementary

Paper airplanes

Division: *High School*

Honorable Mention

Rudy Valdez

Justice Heritage Academy High School

Solar Power ain't for Hippies Anymore

Division: *Middle School*

First Place

Sydney Curtis

Sargent Middle School

Sail your Ship to Positivity

Second Place

Lane Mattive

Sargent Middle School

Just Wingin It

Third Place

Treven Roepke

Upper Rio Grande Middle School

Hidden in Plain Sight - Stealth Technology. Investigating How Geometric Shapes Scatter Light.

Honorable Mention

Joseph Torres

Centauri Middle School

War of the Wires

Honorable Mention

Edynn Jackson

Centauri Middle School

Wet Wood Works

Honorable Mention

Skylar Fremouw

Monte Vista Middle School

Zip-Zap; Electromagnets!

Category: *Zoology*

Division: *Elementary School*

First Place

Macklie Sims

Bill Metz Elementary School

What Chickens Like More

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Second Place

Cysco Claunch
Davian Martinez-Lauro

Bill Metz Elementary School

Dirty Mouth? Who Has More Mouth Bacteria?

Third Place

Jayir Gonzalez

Sierra Grande Elementary School

Training Goats

Honorable Mention

Taysha Gilleland

Manassa Elementary School

How smart is your pony?

Honorable Mention

Kya King

Sanford Elementary School

A Dog's Favorite Color

Division: High School

First Place

Soraya Martinez

Justice Heritage Academy High School

is it bacteria or just bad breath

Second Place

Robert Horner

Monte Vista High School

Fin-tastic Harmony: Aquaponics with Betta

Division: Middle School

First Place

Jaelie Jaminet

Sanford Middle School

Thermoregulation in Horses

Second Place

Kaylee Voss

Sargent Middle School

Hop Hop Will The Pattern Pop?

Third Place

Macie Jones

Sargent Middle School

How do Dogs React to Different Styles of Music?

Honorable Mention

Alexis Gonzales

Monte Vista Middle School

These Genes are Fly

Honorable Mention

Star Garcia

Monte Vista Middle School

What Kinda Music Changes a Dogs Mood