

2025 SLVRSF Grand Awards Press Release

Category: *Behavioral & Social Sciences*

Division: *Elementary School*

First Place

Kaydence Shawcroft

La Jara Elementary

Taste the Rainbow: How food color influence flavor perception.

Second Place

Bowen Mortensen

Sanford Elementary School

Riggin Gartrell

A Game of Hearts

Third Place

Chrystal Hernandez

Sierra Grande Elementary School

How Your Smell Affects your Taste?

Honorable Mention

Briah Atkins

Sierra Grande Elementary School

How do Mood Rings Work?

Division: *High School*

First Place

Lydia Boyd

Monte Vista High School

ADHD in the San Luis Valley

Second Place

Skylar Fremouw

Monte Vista High School

Timing: Testing Reaction Times Through Gaming

Third Place

April Perez

Monte Vista High School

An Elephant Never Forgets: Understanding How Anxiety impacts Memory Loss

Honorable Mention

Natalie Montoya

Justice Heritage Academy High School

Peer Drama

Division: *Middle School*

First Place

Sydney Curtis

Sargent Middle School

Tech or Talk? An Analyzation of Training Methods for Muscle Memory.

Second Place

Khaleesi Reynolds

Sargent Middle School

Masking Medications

Third Place

Mayleigh Blount

Sargent Middle School

Social Werewolves

Honorable Mention

Paige Myers

Sargent Middle School

Stressed out

Honorable Mention

Zoey Barlow

Sargent Middle School

Is my Mutt tougher than your Purebred?

Honorable Mention

Uriel Parra

Monte Vista Middle School

Does Having Your Phone On You In Class Really Affect Your Attention Span And Your Test Scores

Category: *Biomedical Sciences*

Division: *Elementary School*

2025 SLVRSF Grand Awards Press Release

First Place

Briar Watson

Bill Metz Elementary School

The POTS Experiment

Second Place

Avarie Lester

Bill Metz Elementary School

Food Sources vs. Glucose

Third Place

Layla Wright

La Jara Elementary

Sweet Satisfaction: Can Less Sugar Satisfy Your Sweet Tooth?

Honorable Mention

Elle McCarn

Sierra Grande Elementary School

Moldy Bread

Honorable Mention

Kalea Albright

Bill Metz Elementary School

Vitamin D

Division: High School

Honorable Mention

Bella Maze

Sargent High School

Who Will Make The Cut

Honorable Mention

Daniel Montoya

Justice Heritage Academy High School

Shiny Crystal Lungs

Division: Middle School

First Place

Lucy Brittain

Creede Middle School

Mosquito Bite, West Nile Fright 2

Second Place

Rylie Harmon

Sargent Middle School

Stop The Rot Efficiency of Stopping Bovine Foot Rot

Third Place

Sienna Taylor

Centauri Middle School

5 Second Rule

Honorable Mention

Zalyana Garcia

Centauri Middle School

From Germy to Clean

Honorable Mention

Taylor Horton

Centauri Middle School

How Safe is Your Air?

Category: Botany

Division: Elementary School

First Place

Jaylah James

Sierra Grande Elementary School

Does Grey Water have an Effect on Plant Growth?

Second Place

Kya King

Sanford Elementary School

Wifi and Green Life: Does Wifi affect Plant Growth?

Third Place

Birdie Contello

Creede Elementary School

Rockin Out with Plants

Division: High School

2025 SLVRSF Grand Awards Press Release

First Place

Ernesto Ochoa-Marquez

Monte Vista High School

The Effects of Soil Texture on Growth and Germination of S. Tuberosum, M. Sativa, and Z. Mays.

Second Place

Emilio Ortiz

Monte Vista High School

Soil Additives are Spud-tacular

Third Place

Jossilyn Wagar

Sargent High School

It's Gotten Rotten: The Effects of Organic and Chemical Treatments When Preventing Post-Harvest Potato Rot

Honorable Mention

Kaylee Voss

Sargent High School

Hot Potatoes: The Climate Crisis and Spud Growth

Honorable Mention

Micaela Casillas

Justice Heritage Academy High School

Plant Growth with Different Liquids

Division: Middle School

First Place

Lola Sondrol

Monte Vista On-Line Academy Middle School

Do Endophytes Affect the Growth of Lolium Perenne

Second Place

Elaina Consaul

Sargent Middle School

Salinity Solution: A Study of How the Salinity in Water Affects Plant Growth

Third Place

Avery Duran

Sanford Middle School

Plants vs. Erosion...Which Plants Work Best?

Honorable Mention

Sophia Mitchell

Sargent Middle School

Sugar Rush

Honorable Mention

Joseph Torres

Centauri Middle School

Can I Survive?

Honorable Mention

William Keefner

Centauri Middle School

The Effects of Zeolites on Natural Soil For Agricultural Purposes

Category: Chemistry

Division: Elementary School

First Place

Sydney Montague

La Jara Elementary

Energize Me

Second Place

Concetta Vigil

Haskin Elementary School

All You Knead is Bread

Third Place

Oliver Torres

Bill Metz Elementary School

Exploding Boba!

Honorable Mention

Calliope McClung

Sierra Grande Elementary School

Magic Lava Lamp

Honorable Mention

Isabella Mills

Sierra Grande Elementary School

Molecular Gastronomy Cooking Process

Honorable Mention

Addisyn Martinez

Bill Metz Elementary School

Durable Dairy

2025 SLVRSF Grand Awards Press Release

Division: *High School*

First Place

Bogar Quezada

Sierra Grande High School

Desulfurization

Division: *Middle School*

First Place

Kenley Mitchell

Sargent Middle School

Light It Before You Bite It!

Second Place

Clara Miller

Sanford Middle School

Milk Mysteries: Understanding the Differences Between A1 and A2 Proteins

Third Place

Callie Griffin

Sargent Middle School

Hydrogen Peroxide: Decomposition and the Catalyst Competition

Honorable Mention

Landon Hostetter

Centauri Middle School

Fizzy Distillation

Honorable Mention

Blayzen Sowards

Centauri Middle School

Soda Buster

Category: *Consumer Sciences*

Division: *Elementary School*

First Place

Hugo Sondrol

Bill Metz Elementary School

What's Cooking: Solar vs. Gas

Second Place

Elena Molina

Sierra Grande Elementary School

Price VS. Quality

Third Place

Dakoda Martinez

Sierra Grande Elementary School

Staining Eggshells with Drinks

Honorable Mention

Elizabeth Dean

Bill Metz Elementary School

Eggcelent Preservation: How to Preserve Eggs the Best!

Honorable Mention

Rylie Lopez

Sanford Elementary School

Noelle Crowther

Fruits! Glorious Fruits!

Honorable Mention

Harper Crowther

Sanford Elementary School

Hadley Edgar

Fruity Volcanos

Division: *Middle School*

First Place

Addie Paulson

Sargent Middle School

Can You Hear Me Now? A Study Of The Efficacy of Equine Earplugs

Second Place

Rebekah Stockebrand

Centauri Middle School

Battle of the Batteries

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Third Place

Miana Flores

Centauri Middle School

Eunice Casillas

Does Heat Protectant Work?

Honorable Mention

Niela Medina

Sargent Middle School

The Truth About Toothpastes

Honorable Mention

Mikayla Sanchez

Centauri Middle School

Fire!!!

Honorable Mention

Shaylee Sanchez

Monte Vista Middle School

Destrella Garcia

Is antibacterial soap really better than normal soap?

Category: **Earth & Space Sciences**

Division: **Elementary School**

First Place

Daniel Marblestone

Sierra Grande Elementary School

What do Green Gasses Do?

Second Place

Helam Johnson

Sanford Elementary School

Thomas Crowther

Plants on Mars

Third Place

Garett Loveland

Sierra Grande Elementary School

Starburst Rock Cycle

Division: **High School**

First Place

Liam Griffin

Sargent High School

An Absorbent Advantage: Using Wool Pellets to Conserve Water in Soil

Second Place

Alexis Gonzales

Monte Vista High School

Well-ness or Woes? A Spatial Analysis of the Distribution of Heavy Metals in Well Water in the San Luis Valley

Division: **Middle School**

First Place

Aubrey Naranjo

Sargent Middle School

Picture Perfect: Using Chromatography to Test Soil Quality

Second Place

Eiriana Wille

Monte Vista Middle School

Fossil FootPrints

Category: **Engineering**

Division: **Elementary School**

First Place

Ori McDonald

Bill Metz Elementary School

3D Printed Windmill to the Test

Second Place

Noah Harmon

Bill Metz Elementary School

Drones

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Third Place

Amadeo Maritnez

Sierra Grande Elementary School

Balloon Powered Car

Honorable Mention

Tate Gylling

Haskin Elementary School

Potato Clock

Honorable Mention

Aylah Medina

Sierra Grande Elementary School

Building a Candy Machine

Division: *High School*

First Place

James Little

Monte Vista High School

Shooting for the stars

Second Place

Parker Mitchell

Sargent High School

Weighing Wonder: an Automatic Potato Weighing Device

Third Place

Logan Futrell

Monte Vista High School

Go With the Flow: Examining Aerodynamics and Weight Distribution of Electric Vehicles

Honorable Mention

Julia Leary

Alamosa High School

Abigail Adams

Crimson Tide: Surfing Your Monthly Wave

Honorable Mention

Israel Gomez

Sierra Grande High School

Kenia Gomez

Mini Solar Tracker

Division: *Middle School*

First Place

Alex Dicker

Monte Vista Middle School

Screw Water

Second Place

Maci Widger

Sargent Middle School

Under Pressure

Third Place

Rylen Ross

Monte Vista Middle School

Cooling for the Solar 2.0

Honorable Mention

Macie Jones

Sargent Middle School

Hold On! A Cost Efficient Way to Make Bricks

Honorable Mention

Zaiden Villagomez

Monte Vista Middle School

Getting a good view

Honorable Mention

Anisa Ariana Rael

Centennial Middle School

Sindy Jessica Velasquez

Development of an Eco-Friendly Wastewater Filtering Device

Category: *Environmental Sciences*

Division: *Elementary School*

First Place

Ryker Buhr

La Jara Elementary

Indoor Air Quality vs Air Purifier

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Second Place

Gianna Velasquez

Bill Metz Elementary School

Who Said It's Not Clean!?

Third Place

Macklie Sims

Bill Metz Elementary School

Erosion in Motion

Honorable Mention

Dillan Guerrero

Sanford Elementary School

Fresh Air Face-Off! Plants vs. Purifier

Division: High School

First Place

Reagan Futrell

Monte Vista High School

Gaining Ground: Effectiveness of Zeedyk Structures on Herbaceous Establishment and Moisture Retention Within Waterways

Second Place

Hannah Shelton

Centauri High School

Sediment Signatures: Unveiling the Impact of Sedimentary Deposits on Diatoms Through Lake Bottom Sampling

Third Place

Addison Mondragon

Monte Vista High School

Sink or Swim; Effects of Varied Conservation Methods on Fishery Success

Division: Middle School

First Place

Paisley Anderson

Creede Middle School

Mineral Mining Monsters; Time Will Tail

Second Place

Braeylyn Shawcroft

Centauri Middle School

Impact of Cattle Grazing on Soil

Third Place

Kashton Kloeppel

Monte Vista Middle School

Can Sodas Be Improved

Honorable Mention

Zoey Martinez

Monte Vista Middle School

Prevention of Climate Change

Honorable Mention

Samuel Malouff

Centauri Middle School

River Revival

Category: Mathematics & Computers

Division: Elementary School

First Place

Bostyn Forrester

Sierra Grande Elementary School

Come Experience Video Games with Me

Division: High School

First Place

Tanner Houser

Sargent High School

Demonstrating the Effect of Decoherence on Quantum Algorithms

Second Place

Maria Sears

Monte Vista High School

Lung Distance Relationship: A Remote Monitoring Device That Tracks Pulmonary Function

Third Place

Madelyn Garberich

Alamosa High School

Connecting the Dots! Purely Geometric Analysis of the Travelling Salesman Problem

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Division: Middle School

First Place

Josiah Houser

Sargent Middle School

EcoQuest

Category: Physics

Division: Elementary School

First Place

Troy Henderson

La Jara Elementary

If you can't take the heat, get out of the seat!

Second Place

Seth Miller

Sanford Elementary School

Fins and Flight: Exploring the Effect of Fin Shapes on Rocket Stability

Third Place

Kolstin Reynolds

Sanford Elementary School

It's Launch Time!

Honorable Mention

Priscila Espino

Sierra Grande Elementary School

Can Candy Solids Flow like Liquids?

Honorable Mention

Nyleah Llanez

Justice Heritage Academy Elementary

Balloon Rocket

Honorable Mention

Zammuel Trujillo

Bill Metz Elementary School

Car Wheels and Balloons

Division: High School

Honorable Mention

Breckyn Abeyta

Justice Heritage Academy High School

Sound Waves Through Objects

Division: Middle School

First Place

Lane Mattive

Sargent Middle School

Can I Get A Lift?

Second Place

Elly Entz

Sargent Middle School

Don't Interfere With Snow Gear

Second Place

Madelyn Jackson

Centauri Middle School

Violet Sandoval

Bouncing Gas

Third Place

Liam Adams

Sargent Middle School

Sweet Rocket Fuel

Honorable Mention

Addison Gilbert

Sargent Middle School

Don't Be So Arrow Dynamic; Testing The Accuracy and Speed of an Arrow at Different Altitudes

Category: Zoology

Division: Elementary School

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First Place

Taela Jaminet

Sanford Elementary School

Need a Paw?

Division: *High School*

First Place

Westlea Tipsword

Center High School

Effects of Vitamin E Supplementation on Equine Health and Performance

Second Place

Soraya Martinez

Justice Heritage Academy High School

Birds of a Feather Flea Together

Division: *Middle School*

First Place

Alia Yund

Centauri Middle School

Turn and Burn Baby: Does the Color of the Barrel Really Affect Your Run Time?

Second Place

Kynzleigh Hanel

Sargent Middle School

Crazy Cribbing Cure

Third Place

Taysha Gilleland

Centauri Middle School

Do Different Types of Saddle Pads Affect the Temperature of the Horse?

Honorable Mention

Phoenix Oaks

Monte Vista Middle School

Do cats have unique paw prints?

Honorable Mention

Madison Squires

Sargent Middle School

Horse Exposure

Honorable Mention

Cysco Claunch

Monte Vista Middle School

Does your Capra aegagrus hircus got a Pyrexia?