



FOR IMMEDIATE RELEASE

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025-015: STEAM Fair Results

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SJCOE Announces Competition Winners from San Joaquin County STEAM Fair & Expo

The San Joaquin County Office of Education (SJCOE) announced the winners of the 66th annual San Joaquin County STEAM Fair at the Feb. 8, 2025, awards ceremonies that followed student interviews. Judges selected winners after reviewing the individual, group, and whole-class projects submitted. In all, more than 600 students from 38 schools participated in the fair.

All competitors had an opportunity to present their projects to volunteer judges. Over 60 STEM professionals, teachers, college students, high-school students, and other volunteers from the community helped judge the projects and conduct interviews.

The SJCOE's STEM Programs department seeks to promote science and engineering exploration and understanding for students. Each year, the SJCOE awards thousands of dollars to students and whole classes who exhibit and articulate superior levels of understanding in the areas of science, engineering, math, and computer science. Cash prizes were awarded to top contenders from SJCOE Educational Foundation and Synopsys Outreach Foundation.

Eight students (indicated by an asterisk (*) and bolded text below) from the STEAM Fair will represent San Joaquin County in the California Science and Engineering Fair in April 2025.

Kindergarten through first grade:

First Place, Science:

Corral Hollow Elementary (Jefferson Elementary School District)
"The Melting Race"
Samhitha Anmula

Second Place, Science:

EPIC Academy (Banta Unified School District)
"Pumping Power"
Mikayla Sangapala, Aarohi Deshpande

Third Place, Science:

RiTech Academy (Banta Unified School District)
"Rainbow in a Jar"
Shreyas Jonnalagadda, Timothy Lara, Shaurya Galla

First Place, Engineering:

RiTech Academy (Banta Unified School District)
"Water Race to the Finish"
Nihira Velamati



Second Place, Engineering

Evelyn Costa Elementary School (Lammersville Unified School District)
"Vacuum Advantage: What Happens When Air Disappears?"
Reena Paul

Third Place, Engineering

EPIC Academy (Banta Unified School District)
"Harnessing the Breeze"
Ahan Venkateshkumar, Avyukth Sumanth

First Place, Showcase:

Evelyn Costa Elementary School (Lammersville Unified School District)
"Save Earth, Save Life, Save Us All"
Sriram Kolli

Second Place, Showcase:

RiTech Academy (Banta Unified School District)
"Earthquake Detector"
Nithin Saminathan

Third Place, Showcase:

Evelyn Costa Elementary School (Lammersville Unified School District)
"DIY Crystals"
Aanyasri Adury

Second through third grade:

First Place, Whole Class:

Lammersville Elementary (Lammersville Unified School District)
"Throw in the Towel"
Mrs. Scaffidi's Class

Second Place, Whole Class:

Fillmore Elementary (Stockton Unified School District)
"Lego Goat Boats"
Mr. Docuyan's Class

Third Place, Whole Class:

Altamont Elementary (Lammersville Unified School District)
"Dancing Raisins"
Mrs. Irick's Class

First Place, Science:

Peter Hansen Elementary (Lammersville Unified School District)
"Zero-Energy Housing"
Yash Janardhana



Second Place, Science

EPIC Academy (Banta Unified School District)
“Why Water, Soda- PH of Various Liquid Foods”
Yuha Ramkumar

Third Place, Science

Evelyn Costa Elementary School (Lammersville Unified School District)
“Will Wind Turbines Rotor Blade Angles Affect the Amount of Energy?”
Stavik Pahwa, Nathan Jacob Mathew, Sohum Mallya

First Place, Engineering

Sebastian Questa Elementary (Lammersville Unified School District)
“Whoosh, the Eco Swing”
Sharngini Sharan

Second Place, Engineering

Sebastian Questa Elementary (Lammersville Unified School District)
“Solar Tracking Systems”
Myra Gupta

Third Place, Engineering

Evelyn Costa Elementary (Lammersville Unified School District)
“Model Planetary Lander”
Samya Mehvish, Shamita Kodali

First Place, Showcase:

Corral Hollow Elementary (Jefferson Elementary School District)
“Plant Moisture Sensor”
Shrihan Das

Second Place, Showcase:

Sebastian Questa Elementary (Lammersville Unified School District)
“AI Mood- Spreading Joy with AI”
Aisha Gokada

Third Place, Showcase:

Evelyn Costa Elementary (Lammersville Unified School District)]
“Wind Wonders of Mountain House”
Sarayu Kolli

Fourth through fifth grade:

First Place, Science:

EPIC Academy (Banta Unified School District)
“Cable Driven Space Craft”
Saathvik Mahesh



Second Place, Science:

EPIC Academy (Banta Unified School District)
“Solar Hydroponics”
Anvi Deshpande

Third Place, Science:

STEAM Academy (Banta Unified School District)
“Crazy Hydraulics”
Rehan Haaziq Sabiyur Rahman

First Place, Engineering:

Altamont Elementary (Lammersville Unified School District)
“Solar Powered Air Heater”
Hashim Mlan

Second Place, Engineering:

Altamont Elementary School (Lammersville Unified School District)
“I Am Coming to get Your Trash”
Jiya John

Third Place Engineering:

Julius Cordes Elementary School (Lammersville Unified School District)
“Triangle Trusses: the Key to Building Better Bridges”
Laasya Ramakrishnan

First Place, Math/Computer Science:

Henry Elementary (Stockton Unified School District)
“AI Detector”
Anjel Esquivias, Eric Morales, Leonardo Lara

Second Place, Math/Computer Science:

Peter Hansen Elementary (Lammersville Unified School District)
“Boat-Bot”
Bhavik Sai Harsha Thota

First Place, Showcase:

Primary Years Academy (Stockton Unified School District)
“Math and Art in Oragami”
Madison Tath

Second Place, Showcase:

Corral Hollow Elementary (Jefferson Elementary School District)
“Electromagnetism”
Vivaan Bayalusime

Third Place, Showcase:

Corral Hollow Elementary (Jefferson Elementary School District)
“Wall-E, the Obstacle Detecting Robot”



Ayush Ninjuri

Sixth through eighth grade:

First Place, Science (tie):

Julius Cordes Elementary (Lammersville Unified School District)
“Safe or Risky? The EM Radiation of a Phone”

Aditya Goyal, Adharv Shiju*

Altamont Elementary School (Lammersville Unified School District)
“Land vs. Water”

Lucia Jose*

Second Place, Science:

Sebastian Questa Elementary (Lammersville Unified School District)
“How Autonomous Driving Can Make Roads Safer”

Adit Shah, Pragyan Gautam, Aaron Patel

First Place, Engineering:

Evelyn Costa Elementary (Lammersville Unified School District)
“SparkAvert: Harnessing AI to Protect Homes from Wildfire Risk”

Alok Hiriyur*

Second Place, Engineering:

Evelyn Costa Elementary (Lammersville Unified School District)
“Safe Steps: IoT Assisted Mobility”

Vidhyuth Karthik Vishwanath

Third Place, Engineering:

Julius Cordes Elementary School (Lammersville Unified School District)
“Wireless Car Charging- the Future of Electric Car Industry”

Aditi Giraddi

First Place, Math/Computer Science:

Evelyn Costa Elementary (Lammersville Unified School District)
“Portable Traffic Assistant (Safer Streets, Happier Community)”

Pramiti Keloth*

Second Place, Math/Computer Science:

Evelyn Costa Elementary (Lammersville Unified School District)
“Predicting Thyroid Cancer Recurrence using Machine Learning”

Nikhil Emmanuel Nanda, Prathamesha Saha

Third Place, Math/Computer Science:

Peter Hansen Elementary School (Lammersville Unified School District)
“Smart Glasses”

Anoushka Vivekan



First Place, Showcase (tie):

EPIC Academy (Banta Unified School District)
"Function of the Heart"
Shivaank Nandi, Ashrith Tatiparthi, Rithwik Yeddula

Invention Convention
"Anti-Smudge Glove"
Ace Litz

Second Place, Showcase (tie):

Invention Convention
"Smile: 4 in 1 Toothbrush"
Cielo Munoz, Evalyn Ramos, Natali Corona Mendez

Corral Hollow Elementary (Jefferson Elementary School District)
"H₂O or H₂No"
Sartaj Hundal

Evelyn Costa Elementary School (Lammersville Unified School District)
"Smart Heat Detector"
Amishi Dwivedi

Corral Hollow Elementary (Jefferson Elementary School District)
"Economics of Solar Generation"
Aadyashri Banerjee

Ninth through 12th grade:

First Place, Science:

Mountain House High School (Lammersville Unified School District)
"Ultrafast Synthesis of Bifunctional Ruthenium Copper (RuCu) Nanocomposites via Magnetic"
Pranav Saravanan*

Second Place, Science (tie):

Mountain House High School (Lammersville Unified School District)
"Photosynthesis to Photovoltaics: Exploring Plant Based Solar Energy"
Khushi Kolte, Abigail Jimmy, Michelle Vaiz

Mountain House High School (Lammersville Unified School District)
"Machine Mindset: Tempering the Impact of AI Attribution on Critical Evaluation of News Media"
Anjana Bharathiraja

First Place, Engineering:

Laurel Springs School
"Mars Landing"
Joanna Raj*



Second Place, Engineering:

Mountain House High School (Lammersville Unified School District)
“CentiBot: A Novel Alternative to Robotic Bronchoscopy”

Aryan Agarwal*

Third Place, Engineering:

Mountain House High School (Lammersville Unified School District)
“ABT System- Affordable Braille Translator”

Haramrit Bal

First Place, Math/Computer Science:

Mountain House High School (Lammersville Unified School District)
“Leveraging Machine Learning to Predict High-Temperature Superconductors”

Rayyan Faruque, Divcharan Singh Gill*

Second Place, Math/Computer Science:

Mountain House High School (Lammersville Unified School District)
“AI-Driven Prediction: Revolutionizing Global Air Quality Monitoring”

Harshitha Sathyanarayanan

Third Place, Math/Computer Science:

Mountain House High School (Lammersville Unified School District)
“Data-Driven Solutions in Agriculture: Machine Learning for Apple Disease Classification”

Sisira Chandrala, Vibhav Chandrala

First Place, Showcase (tie):

Kimball High School (Tracy Unified School District)
“A Heart’s Symphony”

Mehar Hundal

Second Place, Showcase:

Kimball High School (Tracy Unified School District)
“Meghashuddatha”

Thanmaya Kankanala, Amogh Kirthik Kuduva Balaji

Third Place, Showcase:

Cesar Chavez High School (Stockton Unified School District)
“Little Big Emotions”

Paul A. Consuelo-Valencia, Nader Baptiste

***San Joaquin County representatives for the California Science and Engineering Fair**

About the San Joaquin County Office of Education:

The San Joaquin County Office of Education provides educational leadership, resources, and services to support schools throughout the county. With its highly regarded programs, innovative staff, and community partnerships, the SJCOE ensures that every student in San Joaquin County has the opportunity for a quality education. For more information, visit www.sjcoe.org.