

2026 Humboldt County Science Fair Winners

4th Grade

Place	School	Student Name	Project Name
1	Pacific Union School	Hank Kelley	Slip-N-Slide
1	Redwood Preparatory Charter School	Amelia Dore	Is It Hot In Here or is It Just These Fabrics?
1	Redwood Preparatory Charter School	Alice Woolace	Chill Out
2	Fuente Nueva Charter School	Oliver Altic	Can humans make honey using bee methods?
2	Fuente Nueva Charter School	Kallie Gregg	How Much Mold Bread Can Grow
2	Redwood Preparatory Charter School	Alexander Scarfone	Bacterial Brawl: A Household Surface Showdown
2	Fuente Nueva Charter School	Alexander Bell	Which paper airplane design has the best performance for distance and duration?
3	Redwood Preparatory Charter School	Veer Patel & Lyle Arechiga	Which Bubble Solution Creates the Strongest Bubble?
3	Fuente Nueva Charter School	Skyler McClurg	What produces more electricity: lemons, limes, or oranges?

5th Grade

Place	School	Student Name	Project Name
1	Fieldbrook Elementary School	Wren Pittman	Micro Plastics
1	Big Lagoon Elementary	Aurelia Fosnaugh	Happiness and Social Media
1	Fuente Nueva Charter School	Oliver Florz-Berg	Soil Erosion with Fire and Water
2	Fuente Nueva Charter School	Olivia Johnson & Nasrin Cabrales	The Disturbing News About Dyes
2	Hydesville Elementary School	Teigan Anderson	Laundry Day
2	Fuente Nueva Charter School	Sivan Erez	The Curious Concept Called Climate Change (the world's worst kept secret)
2	Hydesville Elementary School	Emerson Byrd	Chill Out
3	Fuente Nueva Charter School	Levi Franklin	The Interesting Wave
3	Pacific Union School	Olivia Brown & Brooke Webb	Flood Fighters
3	Cutten Elementary School	Zaza Kosits, Kenzie Christianson, & Eliana Powell	Sugar Rush
3	Fuente Nueva Charter School	Uriah Novello	Which soap cleans the most oil off your hands?

6th Grade

Place	School	Student Name	Project Name
1	Northern United - Humboldt Charter	Isabella Fuentes	How pasta temperature affects blood sugar levels
1	Jacoby Creek School	Klara Krause	Which Floral Medium will Provide the Best Vase Life for a Rose?
1	Jacoby Creek School	Amelia Moschetti	What Milk Grows the Most Mold in One Week?
2	Hydesville Elementary School	Kaiah Cahoon	Spoiler Alert
2	Jacoby Creek School	Ayden Manthorne	How Does the Age of the Tree Affect the Diameter of the Tree?
2	Jacoby Creek School	Greyson Svehla	Does the Amount of Hydrogen Peroxide Affect the Height of Elephant Toothpaste?
3	Pacific Union School	Silka Gabriel & Eliana Llanos	A Study of Fire Materials
3	Jacoby Creek School	Scarlett Mielke	Does the Type of Pasta Affect Cook Time?
3	Hydesville Elementary School	Grace Pinkerton	The Ice Race

7th Grade

Place	School	Student Name	Project Name
1	Freshwater Charter Middle School	Asa Deshais	Time to Chill Out: Best Activities to Lower Your Heartrate
1	Jacoby Creek School	Zane Garwood	How Can I Safely Cross? Real Life Game of Frogger on Arcata's Roads Leads to Amphibian Deaths
1	Freshwater Charter Middle School	Callum Macdonald	Is transportation getting you down? Get your lift from hydrofoils.
1	Redwood Preparatory Charter School	Audra Woolace	Galvanic Processes: Metals and the battle of nobility
2	Jacoby Creek School	Lucy Taylor	Compunding Plant Growth:The Effects of Chemical Compounds on Plant Growth
2	Jacoby Creek School	Reid McSorley	Rocket Nose Cone Shape on Maximum Height and Velocity
2	Jacoby Creek School	Jameson Wolf	Wind Generation Optimization
2	Hydesville Elementary School	Jase Bergstrom	Investigating the Catalytic Efficiency of Transition Metal and Alloy Electrodes in Water Electrolysis
3	Fortuna Middle School	Lila Baker	Glowing Under Pressure
3	Redwood Preparatory Charter School	Garrison Morris	Earthquake: P Wave
3	Pacific Union School	Cara West	Perfect Peppermint Bark
3	Redwood Preparatory Charter School	Avery Dore	Flammable Fabrics
3	Freshwater Charter Middle School	Annika Dieker	The Great Flour Bake-off
3	Jacoby Creek School	Alex Sanzaro	Types of Heat Transfer

8th Grade

Place	School	Student Name	Project Name
1	Jacoby Creek School	Quetzal Heacock	How Benthic Macroinvertebrates are a Good Indicator of Stream Health
1	Jacoby Creek School	Leo Dixon & Sylas Kauffmann	Vertical Variation: A Study of Prairie Creek Biodiversity
2	Northcoast Prep Academy	Ender Guthrie	Fighting Flames
2	Jacoby Creek School	Oskar White	The Rise of the Dough: Temperature Effect on Sourdough Starter Fermentation
2	Jacoby Creek School	Chloë Cappuccio	Do Hydrogels Enhance Antimicrobial Properties?
2	Jacoby Creek School	Lela Caruso	Plastic Toothpaste?
3	Hydesville Elementary School	Connor King	Forest Microbiome
3	Jacoby Creek School	Phoebe Rogers & Nora Roscoe	What Fertilizer Works Best?
3	Trinity Valley Elementary School	Gunnar White	WATT-er Power
3	Winship Middle School	Giles Kosits	Whip Lash

12th Grade

Place	School	Student Name	Project Name
1	Alder Grove Charter School	Rocky Villalpando	Engineering Smart Soil

Special Awards

Doris Niles Award

Klara Krause, 6th Grade, Klara Krause, “Which Floral Medium will Provide the Best Vase Life for a Rose?”

Judge’s Choice Award

Zane Garwood, 7th Grade, Jacoby Creek School, “How Can I Safely Cross? Real Life Game of Frogger on Arcata's Roads Leads to Amphibian Deaths”

The Friends of the Arcata Marsh Awards

1st Place: Olivia Brown & Brooke Webb, 5th Grade, Pacific Union School, “Flood Fighters”

2nd Place: Quetzal Heacock, 8th Grade, Jacoby Creek School, “How Benthic Macroinvertebrates are a Good Indicator of Stream Health”

3rd Place: Ayla Dunn, Georgia Wilson, & Aidan Pryor, 7th Grade, Northcoast Prep Academy, “Killer Walnuts”

The North Group Sierra Club Awards

1st Place: Leo Dixon & Sylas Kauffmann, 8th Grade, Jacoby Creek School, “Vertical Variation: A Study of Prairie Creek Biodiversity”

2nd Place: Jade Blodgett, 8th Grade, Northcoast Prep Academy, “Keepers of the Kelp: sea otters and how they affect kelp cover”

3rd Place: Cora Sheppard, 8th Grade, Northcoast Prep Academy, "Plants in Peril: The Effect of Soaps and Shampoos on Polka Dot Plants"

Redwood Regional Audubon Society Award

Zane Garwood, 7th Grade, Jacoby Creek School, "How Can I Safely Cross? Real Life Game of Frogger on Arcata's Roads Leads to Amphibian Deaths"

Professional Engineers in California Government Awards

1st Place: Olivia Brown & Brooke Webb, 5th Grade, Pacific Union School, "Flood Fighters"

Honorable Mention: Reid McSorley, 7th Grade, Jacoby Creek School, "Rocket Nose Cone Shape on Maximum Height and Velocity"

Honorable Mention: Jameson Wolf, 7th Grade, Jacoby Creek School, "Wind Generation Optimization"

Save the Redwoods League Award

Leo Dixon and Sylas Kauffmann, 8th Grade, Jacoby Creek School, "Vertical Variation: A Study of Prairie Creek Biodiversity"

Stillwater Sciences - Excellence in Environmental Sciences Award

Leo Dixon and Sylas Kauffmann, 8th Grade, Jacoby Creek School, "Vertical Variation: A Study of Prairie Creek Biodiversity"

The North Coast Unified Air Quality Management District Awards

4th Grade: Hank Kelley, Pacific Union School, "Slip-N-Slide"

5th Grade: Oliver Florz-Berg, Fuente Nueva Charter School, "Soil Erosion with Fire and Water"

7th Grade: Jameson Wolf, Jacoby Creek School, "Wind Generation Optimization"

7th Grade: Rebecca Huffman, Redwood Preparatory Charter School, "Infrared Gaseous Chemicals"

8th Grade: Leo Dixon and Sylas Kauffmann, 8th Grade, Jacoby Creek School, "Vertical Variation: A Study of Prairie Creek Biodiversity"

National Oceanic and Atmospheric Administration (NOAA) Award

Jameson Wolf, 7th Grade, Jacoby Creek School, "Wind Generation Optimization"

North Coast Chapter of the California Native Plant Society Award

Leo Dixon and Sylas Kauffmann, 8th Grade, Jacoby Creek School, "Vertical Variation: A Study of Prairie Creek Biodiversity"

California Science and Engineering Fair Qualifiers

Zane Garwood, 7th Grade, Jacoby Creek School, "How Can I Safely Cross? Real Life Game of Frogger on Arcata's Roads Leads to Amphibian Deaths"

Callum Macdonald, 7th Grade, Freshwater Charter Middle School, "Is transportation getting you down?"

Audra Woolace, 7th Grade, Redwood Preparatory Charter School, "Galvanic Processes: Metals and the battle of nobility"

Asa Deshais, 7th Grade, Freshwater Charter Middle School, "Time to Chill Out: Best Activities to Lower Your Heartrate"

Quetzal Heacock, 8th Grade, Jacoby Creek School, "How Benthic Macroinvertebrates are a Good Indicator of Stream Health"

Leo Dixon & Sylas Kauffmann, 8th Grade, Jacoby Creek School, "Vertical Variation: A Study of Prairie Creek Biodiversity"