



# 40<sup>th</sup> Annual Calaveras County Science Fair Results



## GRAND PRIZE WINNER

Michelle French, Libertas Academy - CFLC, 7<sup>th</sup> grade, "Fluoride Controversy"

## WINNERS SELECTED TO GO TO CALIFORNIA SCIENCE & ENGINEERING FAIR, APRIL 12<sup>th</sup>-13<sup>th</sup>

Michelle French, Libertas Academy - CFLC, 7<sup>th</sup> grade, "Fluoride Controversy"

Aven Dianda, Mountain Oaks, 7<sup>th</sup> grade, "How Different Spectrums of Light Affect Plant Growth"

Emily McCartney, Mokelumne Hill Elementary, 6<sup>th</sup> grade, "Do You Like Berries Too?"

Emalie Beauchemin & Ceclia DeGennaro, Mountain Oaks, 6<sup>th</sup> grade, "Electrolytes"

## BEST PHYSICAL SCIENCE AND ENGINEERING PROJECT

**1<sup>st</sup> Place** (\$250) – Emalie Beauchemin & Ceclia DeGennaro, Mountain Oaks, 6<sup>th</sup> grade, "Electrolytes"

**2<sup>nd</sup> Place** (\$100) – Greta Christian, Hazel Fischer Elementary, 5<sup>th</sup> grade, "Rising Bread"

**3<sup>rd</sup> Place** (\$50) – Tie (2 Winners)

Morgan Nelson, Albert Michelson Elementary, 5<sup>th</sup> grade, "TWHACK! Do I Need a New Ski Helmet?"

Wyatt Schutz, Libertas Academy - CFLC, 5<sup>th</sup> grade, "Integrity Project"

## BEST LIFE SCIENCE PROJECT

**1<sup>st</sup> Place** (\$250) - Michelle French, Libertas Academy - CFLC, 7<sup>th</sup> grade, "Fluoride Controversy"

**2<sup>nd</sup> Place** (\$100) – Eliot Minkler, Albert Michelson Elementary, 4<sup>th</sup> grade, "Does the Mucus Lining Protect the Stomach From All Foods?"

**3<sup>rd</sup> Place** (\$50) – Aven Dianda, Mountain Oaks, 7<sup>th</sup> grade, "How Different Spectrums of Light Affect Plant Growth"

## BEST BEHAVIORAL AND COGNITIVE SCIENCE PROJECT

**1<sup>st</sup> Place** (\$250) – Logan Markus, Albert Michelson Elementary, 4<sup>th</sup> grade, "Are Yawns Contagious?"

**2<sup>nd</sup> Place** (\$100) – Kaelyn Blakemore, Albert Michelson Elementary, 4<sup>th</sup> grade, "Eye See it First!"

**3<sup>rd</sup> Place** (\$50) – Jaxon Jarnagin, Avery Middle School, 6<sup>th</sup> grade, "The Effect of Video Games on the Body"

## BEST MATH AND COMPUTER SCIENCE PROJECT

**1<sup>st</sup> Place** (\$250) – Robby Dove, Albert Michelson Elementary, 5<sup>th</sup> grade, "Who Can Tell the Difference Between Real and AI Generated Pictures?"

**2<sup>nd</sup> Place** (\$100) – Levi Dietrich, Hazel Fischer Elementary, 5<sup>th</sup> grade, "Spotting AI Images"

**3<sup>rd</sup> Place** (\$50) – Noah Laker, Hazel Fischer Elementary, 4<sup>th</sup> grade, "Can People Tell the Between Drawings Colored By a Child or AI?"

## DEMONSTRATION (NON-COMPETITIVE) PROJECT

**1<sup>st</sup> Place** - Maximus Mathews, Sutter Creek Elementary, 6<sup>th</sup> grade, "Trebuchet"

**2<sup>nd</sup> Place** – Madison Butterfield, Mountain Oaks, 8<sup>th</sup> grade, "Sky High and Alive"

## **SCIENCE PROJECT RIBBONS BASED ON RUBRIC SCORE (of 100 Total Points Possible )**

### ***1<sup>st</sup> Place Ribbons***

Michelle French, Libertas Academy - CFLC, 7<sup>th</sup> grade, "Fluoride Controversy"  
Eliot Minkler, Albert Michelson Elementary, 4<sup>th</sup> grade, "Does the Mucus Lining Protect the Stomach From All Foods?"  
Emalie Beauchemin & Ceclia DeGennaro, Mountain Oaks, 6<sup>th</sup> grade, "Electrolytes"

### ***2<sup>nd</sup> Place Ribbons***

Aven Dianda, Mountain Oaks, 7<sup>th</sup> grade, "How Different Spectrums of Light Affect Plant Growth"  
Emily McCartney, Mokelumne Hill Elementary, 6<sup>th</sup> grade, "Do You Like Berries Too?"  
Reese Roeder, Bret Harte High School, 11<sup>th</sup> grade, "The Ripple Effect: How Fukushima's Treated Water Affects Our Oceans"  
Greta Christian, Hazel Fischer Elementary, 5<sup>th</sup> grade, "Rising Bread"  
Wyatt Schutz, Libertas Academy - CFLC, 5<sup>th</sup> grade, "Integrity Project"  
Morgan Nelson, Albert Michelson Elementary, 5<sup>th</sup> grade, "TWHACK! Do I Need a New Ski Helmet?"  
Logan Markus, Albert Michelson Elementary, 4<sup>th</sup> grade, "Are Yawns Contagious?"  
Kaelyn Blakemore, Albert Michelson Elementary, 4<sup>th</sup> grade, "Eye See it First!"  
Robby Dove, Albert Michelson Elementary, 5<sup>th</sup> grade, "Who Can Tell the Difference Between Real and AI Generated Pictures?"

### ***3<sup>rd</sup> Place Ribbons***

Emily Basgall, Mark Twain Elementary, 6<sup>th</sup> grade, "Does a Dog Have a Sense of Time?"  
Maddie Kushnir, Hazel Fischer Elementary, 5<sup>th</sup> grade, "Lotion Wars"  
Lilly Beckman, Albert Michelson Elementary, 5<sup>th</sup> grade, "Why Do Chickens Stop Laying in Winter?"  
Anderson Christian, Avery Middle School, 6<sup>th</sup> grade, "Nerf Bullets"  
Jaxon Jarnagin, Avery Middle School, 6<sup>th</sup> grade, "The Effect of Video Games on the Body"  
Levi Dietrich, Hazel Fischer Elementary, 5<sup>th</sup> grade, "Spotting AI Images"

### ***Honorable Mention Ribbons***

Allison McMurray, Mark Twain Elementary, 6<sup>th</sup> grade, "Starbucks vs Hygiene"  
Galilea Orozco Calvillo & Jenna Chappell, Valley Springs Elementary, 4<sup>th</sup> grade, "Are Permanent Markers Really Permanent?"  
Maximus Mathews, Sutter Creek Elementary, 6<sup>th</sup> grade, "Trebuchet"  
Amelia Whitear, Mark Twain Elementary, 6<sup>th</sup> grade, "Drink Smart"  
Charlie Adams, Mark Twain Elementary, 6<sup>th</sup> grade, "Pop Goes Enamel"  
Dean McCormick, Albert Michelson Elementary, 5<sup>th</sup> grade, "Different Soil Types and How Well They Hold Water"  
Joseph Hurley, Mokelumne Hill Elementary, 6<sup>th</sup> grade, "Insulation"  
Bryce Henry, Copperopolis Elementary, 5<sup>th</sup> grade, "Stretch it Like it's Hot"  
Madison Butterfield, Mountain Oaks, 8<sup>th</sup> grade, "Sky High and Alive"  
Allen Ybarra & Izzy Green, Copperopolis Elementary, 5<sup>th</sup> grade, "How Does Music Affect Animals Moods?"  
Anna Broglio & Emily Fraguero, Mark Twain Elementary, 7<sup>th</sup>/8<sup>th</sup> grade, "The Nose Knows"  
Allie Fowler, Avery Middle School, 8<sup>th</sup> grade, "Alpha Paw"  
Noak Laker, Hazel Fischer Elementary, 4<sup>th</sup> grade, "Can People Tell the Difference Between Drawings Colored by a Child or AI?"

### ***Participation Ribbons***

Liam Wheeler, Albert Michelson Elementary, 4<sup>th</sup> grade, "Rock Filter Experiment"  
Max Mayo, Hazel Fischer Elementary, 5<sup>th</sup> grade, "Exploding Elephant Toothpaste"  
Nicky Green, Copperopolis Elementary, 5<sup>th</sup> grade, "Can Food Light Up Your Room?"  
Rollin Broglio, Mark Twain Elementary, 4<sup>th</sup> grade, "The Fling Thing - Catapult Distances"  
Tharin Rohrbach, Hazel Fischer Elementary, 5<sup>th</sup> grade, "Isaac Newton's Third Law of Motion"  
Augustus Nguyen, Albert Michelson Elementary, 4<sup>th</sup> grade, "Tsunami Experiment"  
Ava Rector, Hazel Fischer Elementary, 4<sup>th</sup> grade, "Magnetic Power Generator"  
Julian Porto, Valley Springs Elementary, 5<sup>th</sup> grade, "What is the Best Wing Shape for Flight?"  
Kamo Barnett, Mark Twain Elementary, 6<sup>th</sup> grade, "Is a Rabbit's Sense of Smell Better Than a Dogs?"  
Savannah Guzzetta, Albert Michelson Elementary, 4<sup>th</sup> grade, "Counting Cards"  
Joshua Guzzetta, Avery Middle School, 7<sup>th</sup> grade, "AI Scripts"