



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Fourth Grade Projects

40101 - 01 - Animal Sciences

Emil Solorio-Coyle

Acorn Woodpeckers: Do They Prefer Some Trees Over Others to Store Acorns?

40102 - 01 - Animal Sciences

Aiden Stinson

Do You Think Quail Eggs from a Grocery Store will Hatch?

40103 - 01 - Animal Sciences

Carly Altamirano

Repel-ants

40201 - 02 - Behavioral & Social Sciences

Orion Pedroza

Are Ants More Productive with Music?

40202 - 02 - Behavioral & Social Sciences

Owen Whitmore

Brain-Body Connection



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

40203 - 02 - Behavioral & Social Sciences

Magdalena Mier

Daniella Lopez

Do the Eyes Have It?

40204 - 02 - Behavioral & Social Sciences

Nealden Patambang

Does Color Affect Taster Perception?

40205 - 02 - Behavioral & Social Sciences

Hope Howard

Does Distraction Help You Feel Less?

40206 - 02 - Behavioral & Social Sciences

Clover Valverde

Fancy Foods

40207 - 02 - Behavioral & Social Sciences

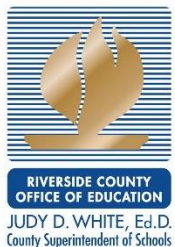
Camille Nunez

Think Fast!

40301 - 03 - Biochemistry

Morgan Collins

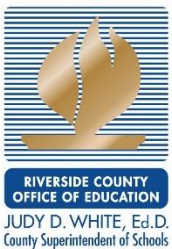
Rotten to the Core



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(as of 3/19/19)

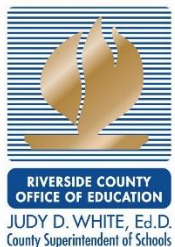
- 40302** - 03 - Biochemistry
Helen Pham
The Effect of Temperature on the Solubility of Sugar in Water
- 40401** - 04 - Health & Biomedical Sciences
Dylan Lopez
How to Survive a Snake Bite
- 40402** - 04 - Health & Biomedical Sciences
Dalila Macon
pH Levels
- 40403** - 04 - Health & Biomedical Sciences
Andrea Olivarez
Uncovering the Hidden Germs
- 40404** - 04 - Health & Biomedical Sciences
Antoinette Kobus
Which is the Best Water to Drink?
- 40601** - 06 - Chemistry
Marina Suss
Have the Slime of Your Life



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

- 40602** - 06 - Chemistry
Kyla Ishii
Magnetic Slime - How Attractive is Your Slime?
- 40603** - 06 - Chemistry
Dillon Rhodes
Super Sublimation
- 40604** - 06 - Chemistry
Alexa Cortez
To Measure the Biodegradability of Different Materials
- 40605** - 06 - Chemistry
Camille Arguelles
Balloon Popping Citrus
- 40606** - 06 - Chemistry
Caitlyn Sierra
Does Vinegar Kill Germs?
- 40607** - 06 - Chemistry
Alexander Roman
Gummy Bear Osmosis Lab



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

- 40608** - 06 - Chemistry
Emily Castillo
Ketchup Be Gone
- 40609** - 06 - Chemistry
Lillian Vargas
Slippery Slime Experiment
- 40801** - 08 - Earth & Environmental Sciences
Carter Gilliatt
Shake It Up!
- 40802** - 08 - Earth & Environmental Sciences
Raylene Jasso
What's In Your Water?
- 40803** - 08 - Earth & Environmental Sciences
Bella Kidder
Windmill vs. Solar
- 41001** - 10 - Energy: Chemical & Physical
Nathan Payo
Electrical Conduction



2019 Riverside County Science and Engineering Fair Project List

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41002 - 10 - Energy: Chemical & Physical
Pedro Fregoso Jr.
Energy - Wing Turbines

41003 - 10 - Energy: Chemical & Physical
Sisane McFadden
Energy from Garbage

41101 - 11 - Engineering Mechanics
Daniel Galvan
Bed Dome

41102 - 11 - Engineering Mechanics
Cesar Diaz
Bowser's Castle Machine

41103 - 11 - Engineering Mechanics
Nicholas Roberts
Building Stability

41104 - 11 - Engineering Mechanics
Gavin Cypher
Electromagnetic Brake



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

41105 - 11 - Engineering Mechanics

Isaac Arellano

How Far Will It Fly?

41106 - 11 - Engineering Mechanics

Adeline Clark

Bella Ward

Tetherball Time

41201 - 12 - Environmental Engineering

Leah Blanford

Rockslide Prevention

41202 - 12 - Environmental Engineering

Aiden Grover

Stopping the Salton Sea Dust from Blowing Away and Causing Breathing Problems

41301 - 13 - Materials Science

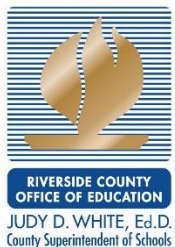
Elizabeth Barry

Barbecuing Briquettes

41302 - 13 - Materials Science

Jacob Carreno

Be Seen After Dark - What Clothes Keep You Safe



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

41303 - 13 - Materials Science

Tallula Williams

Blubber Wubber

41304 - 13 - Materials Science

Loni Huntington

Candle Wax Race

41305 - 13 - Materials Science

Evie Covington

Foam Slime: A Non-Newtonium Fluid

41306 - 13 - Materials Science

Brookelyn Duerfeldt

Gummy Bear Osmosis

41307 - 13 - Materials Science

Sophia Dunn

Nextraw: The Next Generation of Straws

41308 - 13 - Materials Science

Andrea Martinez

What Battery Lasts Longer



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

- 41501** - 15 - Microbiology
Kailani Mativa
Can Aloe Vera Save Berries from Mold?
- 41502** - 15 - Microbiology
Marley Roughton
Clorox Disinfecting Wipes: 99% Effective or Not?
- 41503** - 15 - Microbiology
Andre Simpliciano
Game of Straws: Reduce, Reuse, Recycle, and Refuse!
- 41504** - 15 - Microbiology
Joseluis Martinez
Germs: Dogs vs. Humans
- 41505** - 15 - Microbiology
Bella Ruiz
Gemi Clark
How Dirty is Our Soil?
- 41506** - 15 - Microbiology
Anneliese Brasher
It's In the Bag!!



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- 41507** - 15 - Microbiology
Sophia Willis
Seeing is Believing, but you Can't see Germs. How Effective is your Soap?
- 41508** - 15 - Microbiology
Salvador Ortiz III
The Five Second Rule
- 41509** - 15 - Microbiology
Kalika Macro
Washing Away...GERMS
- 41510** - 15 - Microbiology
Luke Garot
Whose Mouth is the Dirtiest?
- 41601** - 16 - Physics & Astronomy
Meah Murrieta
Emmy Luna
Mission Impossible: The Effect of Pressurized Air on the Altitude of a 2-Liter Water Rocket
- 41602** - 16 - Physics & Astronomy
Haylee Blackwell
Kathryn Clayton
Raining Paint



2019 Riverside County Science and Engineering Fair Project List

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- 41603** - 16 - Physics & Astronomy
Annabelle Pederson
Liana Spedalieri
Space Species
- 41604** - 16 - Physics & Astronomy
Brooklyn Conner
Under Pressure: What's the PSI?
- 41701** - 17 - Plant Sciences
Brian Hsieh
Soil vs. Water Crystals and Water Beads
- 41702** - 17 - Plant Sciences
Jonathan Wall
SUN-sational Photosynthesis
- 41801** - 18 - Robotics & Intelligent Machines
Fabian Rivera
Hamster Sitter



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Fifth Grade Projects

50101 - 01 - Animal Sciences

Hank Jennings

At What Point in a Field Does the Road Stop Affecting Where Invertebrates Live?

50102 - 01 - Animal Sciences

Jacob Lewis

Do Birds See Color?

50103 - 01 - Animal Sciences

Chloe Mayton

Do Dogs Have a Color Preference?

50104 - 01 - Animal Sciences

Spencer Holland

Sebastian Ortega

Do Dogs Prefer a Certain Color?

50105 - 01 - Animal Sciences

Tess Mollica

"A-Maze-ing" Hamster



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

50201 - 02 - Behavioral & Social Sciences

Jaiden Roffi

Distracted Driver

50202 - 02 - Behavioral & Social Sciences

Manny Juarez

Does Color Affect Taste Perception?

50203 - 02 - Behavioral & Social Sciences

Bella Sheehan

Lights, Camera, Music!

50204 - 02 - Behavioral & Social Sciences

Samuel Webster

No Pain, Lots of Game

50205 - 02 - Behavioral & Social Sciences

Layla Rhodes

Taste the Flavor

50206 - 02 - Behavioral & Social Sciences

Holly Sciarra

The Trickster Lollipop



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

50207 - 02 - Behavioral & Social Sciences

Melissa Valentin Chamu

What's the Deal with Genders?

50208 - 02 - Behavioral & Social Sciences

Emma Dixon

What's Your Type?

50301 - 03 - Biochemistry

Robert Craig

An Apple a Day ...

50302 - 03 - Biochemistry

Andrew Glenny

Go Bananas! A Study of the Ripening Process of Fruits

50303 - 03 - Biochemistry

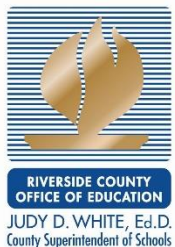
Damien Luis

Reckless

50304 - 03 - Biochemistry

Rylee Hitter

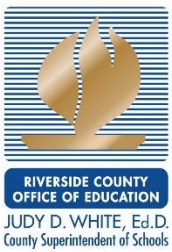
What Will Raise Blood Glucose Fastest?



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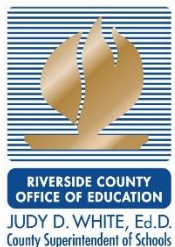
- 50401** - 04 - Health & Biomedical Sciences
Lina Pham
Aloe Vera to the Rescue!
- 50402** - 04 - Health & Biomedical Sciences
Fernando Vega
Contaminated Water to Clean Water
- 50403** - 04 - Health & Biomedical Sciences
Brandon Balice
DNA Extraction
- 50404** - 04 - Health & Biomedical Sciences
Natalia Ortiz
Egg vs. Liquid
- 50405** - 04 - Health & Biomedical Sciences
Chloe Phillips
Eye See Color!
- 50406** - 04 - Health & Biomedical Sciences
Spencer Tran
Jackson Rhodes
Stained Teeth? Rethink What You Drink



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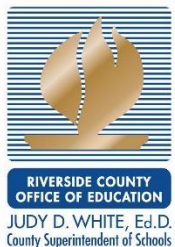
- 50407** - 04 - Health & Biomedical Sciences
Cameron Kennedy
Stay Active with Wearable Technology
- 50408** - 04 - Health & Biomedical Sciences
Rory English
Supporting My Feet
- 50409** - 04 - Health & Biomedical Sciences
Dailynn Renteria
Tooth Decay Project
- 50501** - 05 - Cellular & Molecular Biology
Makayla Ruth
Food vs. Mold
- 50601** - 06 - Chemistry
Thomas Sherrill
Crystals
- 50602** - 06 - Chemistry
Elijah Bishop
Hudson Marrs
Does It "Pay" to Buy Bottled Water?



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(as of 3/19/19)

- 50603** - 06 - Chemistry
Liam Castillo
Got Plastic? Turning Milk Into Plastic
- 50604** - 06 - Chemistry
Giselle Barcenas
Is Slime Better in a Container or Plastic Bag?
- 50605** - 06 - Chemistry
Melissa Alverson
Apple Preservation: How to Keep Apples from Browning
- 50606** - 06 - Chemistry
Michael Tamayo
pH Value of Drinking Water
- 50607** - 06 - Chemistry
Christina Herrera
Save the Bread
- 50608** - 06 - Chemistry
Aiden Enriquez
Homemade Instant Heat Pack



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

50801 - 08 - Earth & Environmental Sciences

Diego Ruiz

Cleaning Clothes Without Water

50802 - 08 - Earth & Environmental Sciences

Shaeyna Delasalas

Eco-Pods (The First US-made Water-soluble Beverage Pods)

50803 - 08 - Earth & Environmental Sciences

Sophia Ghio

The Moon + Tides

50804 - 08 - Earth & Environmental Sciences

Dillon Hickox

Thirsty Seeds

50901 - 09 - Embedded Systems

Lucille Oakes

The WiFi Jacket

51001 - 10 - Energy: Chemical & Physical

Aldo Cervera

Can You Hear It? Can You See It?



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

51002 - 10 - Energy: Chemical & Physical

Lawrence Hogan

Chilling a Cola

51003 - 10 - Energy: Chemical & Physical

Ariel Sanford

Is Your Seat on Fire?

51004 - 10 - Energy: Chemical & Physical

Brenden Kerr

My Zeus Project

51005 - 10 - Energy: Chemical & Physical

Logan Hafen

Natural Citrus Oil Versus Gasoline

51006 - 10 - Energy: Chemical & Physical

Amanda Mata

Rigatoni Pasta Rocket Engine

51007 - 10 - Energy: Chemical & Physical

Aidan Christopher

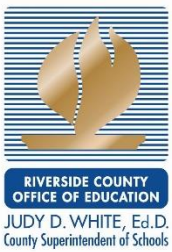
The Delicious Battery



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

- 51008** - 10 - Energy: Chemical & Physical
David Lopez Jr.
The Effects of Osmosis and pH on a Gummy Bear
- 51009** - 10 - Energy: Chemical & Physical
Makayla Stiles
Will Warm Air Rising Turn a Pinwheel
- 51010** - 10 - Energy: Chemical & Physical
Hunter Trinh
You've Got the Power
- 51011** - 10 - Energy: Chemical & Physical
Gregory Logan Tan
The Zombies are Coming
- 51101** - 11 - Engineering Mechanics
Evelyn Escobedo
A Simple Way to Feed a Dog
- 51102** - 11 - Engineering Mechanics
Lily Garcia
Ball Launcher



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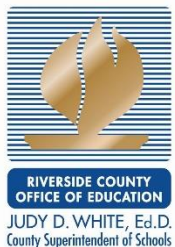
- 51103** - 11 - Engineering Mechanics
Cole West
Hydraulic Powered Robotic Arm
- 51104** - 11 - Engineering Mechanics
Gavin Garcia
Keeping You in Suspens(ion)
- 51105** - 11 - Engineering Mechanics
Andrew Carney
Knife Block 2.0!
- 51106** - 11 - Engineering Mechanics
Kyah McFann
Tyler Jimenez-Garvida
Magnetic Levitation
- 51107** - 11 - Engineering Mechanics
Steven Atehortua
Portable Air Conditioner
- 51108** - 11 - Engineering Mechanics
Daniel Vega
Reverse Engineering of an Electric Motor



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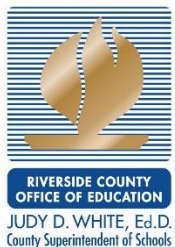
- 51109** - 11 - Engineering Mechanics
Brandon Vasquez
Reverse Engineering VCR
- 51110** - 11 - Engineering Mechanics
Jayden Watson
Rocking the Boat
- 51111** - 11 - Engineering Mechanics
Karla Cerda
Solar Panel School Bus
- 51112** - 11 - Engineering Mechanics
Taylor Brunelle
The Claw
- 51201** - (no project)
- 51202** - 12 - Environmental Engineering
Ethan Ward
Improving Wind Power



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

- 51203** - 12 - Environmental Engineering
Xitlalli Fregoso
Xittali Flores
Life Begins with Water
- 51204** - 12 - Environmental Engineering
Emily Feffer
Sand, Wind, and Walls!
- 51205** - 12 - Environmental Engineering
Gianna Lizarraga
Storm Drain Reclaim
- 51301** - 13 - Materials Science
Tenzing Carvalho
3D Printing in Space: The Effects of Cold Temperatures on ABS and PLA Filaments in 3D Printing
- 51302** - 13 - Materials Science
Joslyn Dawes
Detergent Wars
- 51303** - 13 - Materials Science
McKinlee Pehkonen
Electromagnets and Resistance



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

- 51304** - 13 - Materials Science
Jewell Simmons
Magnets and Temperature
- 51305** - 13 - Materials Science
Maximo Nuno
Paper Towel Absorbency
- 51306** - 13 - Materials Science
Cecilia Olivares
Popcorn Kernels
- 51307** - 13 - Materials Science
Azalea Manco
Suds or Duds
- 51308** - 13 - Materials Science
Jasmine Diaz
Understanding the Limits of Sound Waves
- 51309** - 13 - Materials Science
Ariana Garrison
Water You Drinking?



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

51310 - 13 - Materials Science

Hailey Hild

Wi-Fi or Wi-Fail

51501 - 15 - Microbiology

Tiffany Chang

Does Wasabi Make Sushi Safer to Eat?

51502 - 15 - Microbiology

Wyatt Purdy

Don't Eat That!: Bacteria Growth and the Five Second Rule

51503 - 15 - Microbiology

Nicholas Higgins II

Use a Towel

51601 - 16 - Physics & Astronomy

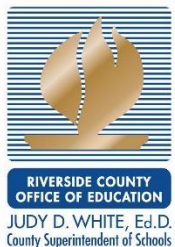
James Munoz

Batter Up

51602 - 16 - Physics & Astronomy

Ancel Varner

Floating on Air



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

- 51603** - 16 - Physics & Astronomy
Nicholas Neimeyer
The Polarity Express!
- 51604** - 16 - Physics & Astronomy
Kaiden Harriman
Which Ball Bounces the Longest
- 51605** - 16 – Physics & Astronomy
Diego Aceves
Fragiles pero Grandiosas - Fragile but Amazing
- 51701** - 17 - Plant Sciences
Yaniah Gamboa
Dayanara Torres
"Berry" Much DNA
- 51702** - 17 - Plant Sciences
Michael Robinson
Are Plants Color Blind?
- 51703** - 17 - Plant Sciences
Allister Arsua
Coffee Ground: Efficacy As a Growth Additive



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

51704 - 17 - Plant Sciences

Nadia Frutkin

Color Matters

51705 - 17 - Plant Sciences

Omar Aldabbas

Do Seeds Grow Faster in Cotton or Soil?

51706 - 17 - Plant Sciences

Naveena Ngeesikat

Germination

51707 - 17 - Plant Sciences

Joel Licera

Magnetized Arugula

51708 - 17 - Plant Sciences

David Neff

Making Plant History

51709 - 17 - Plant Sciences

Renata Ochoa

Succulent Plants



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

51710 - 17 - Plant Sciences

Simon Cooke

Veggie Tales

51801 - 18 - Robotics & Intelligent Machines

Brady Guinn

Brady-bot

51802 - 18 - Robotics & Intelligent Machines

Naomi Davey

Catapults

51901 - 19 - Systems Software

Joshua Stice

SQL Programming Systems



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Junior Division (Grades 6-8) Projects

Jr0101 - 01 - Animal Sciences

Jacob Rhodes

Ant Buffet

Jr0102 - 01 - Animal Sciences

Demetrious Coleman

Ant-Eatery

Jr0103 - 01 - Animal Sciences

Sarah Stutsman

Color: An Attractant to Egg-laying Aedes Mosquitoes or Not?

Jr0104 - 01 - Animal Sciences

Hannah Archibald

Fraternal vs. Identical: How Similar are their Fingerprints?

Jr0105 - 01 - Animal Sciences

Katelynn Klopp

Salivation Salvation



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr0106 - 01 - Animal Sciences

Nicholas Kendall

The Bird Buffet: The Best Seeds for House Finches

Jr0201 - 02 - Behavioral & Social Sciences

Adam Yrungaray

Are Middle School Students Subject to the Anchoring Effect?

Jr0202 - 02 - Behavioral & Social Sciences

Lucas Lam

Catching Zzz

Jr0203 - 02 - Behavioral & Social Sciences

Marilyn Chang

Homework Blues

Jr0204 - 02 - Behavioral & Social Sciences

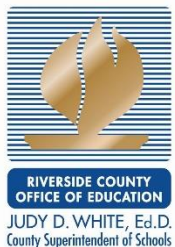
Kayla McCarty

How Do Your Visual and Auditory Senses Affect Your Memory?

Jr0205 - 02 - Behavioral & Social Sciences

Alexa Vasquez

Media Mindlessness



2019 Riverside County Science and Engineering Fair Project List

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Jr0206 - 02 - Behavioral & Social Sciences

Kay Pivonka

Tongue Dyed!

Jr0301 - 03 - Biochemistry

Maya Hernando

Bioplastic: Milk vs. Corn Starch

Jr0302 - 03 - Biochemistry

Ashly Lopez

Separation

Jr0303 - 03 - Biochemistry

Nala Stewart

Skunk Attack!

Jr0304 - 03 - Biochemistry

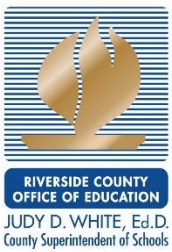
Logan Dominguez

Using Iodine to Find Vitamin C

Jr0401 - 04 - Health & Biomedical Sciences

Maddison Chau

Artificial Pancreas



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr0402 - 04 - Health & Biomedical Sciences

Erika Miranda

Sinthya Sanguino

Bugs vs. You

Jr0403 - 04 - Health & Biomedical Sciences

Julius Lasley

Emilio Maravilla

Cellphone Germs

Jr0404 - 04 - Health & Biomedical Sciences

Sydney Bello

Cortisol: How It Affects the Body

Jr0405 - 04 - Health & Biomedical Sciences

Aisha Randhawa

Essential Oils: Impact on Reproductive Timing and Health in Daphnia Magna

Jr0406 - 04 - Health & Biomedical Sciences

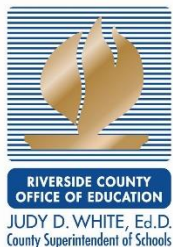
Lesly Castro

Heart Rates: Do Middle School Athletes Have a Faster Heart Rate Recovery Time than Non-Athletes?

Jr0407 - 04 - Health & Biomedical Sciences

Kairi Vega

How Dirty Are We?



2019 Riverside County Science and Engineering Fair Project List

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Jr0408 - 04 - Health & Biomedical Sciences

Kendall Tan

How Does Diet and Exercise Affect Blood Glucose?

Jr0409 - 04 - Health & Biomedical Sciences

Aubrie McMillan

How Does It Matter? Measure the Spatter

Jr0410 - 04 - Health & Biomedical Sciences

Charlotte Myers

Inhibition of Bacterial Pathogenicity Through Reduction of Motility: Maximization of Bioactive Potential of P.granatum

Jr0411 - 04 - Health & Biomedical Sciences

Alexander Stewart

Keeping You in Stitches

Jr0412 - 04 - Health & Biomedical Sciences

Matt Watson

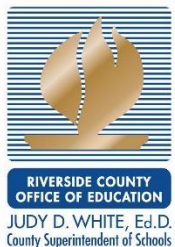
Francisco Daniel

Killer Carbs

Jr0413 - 04 - Health & Biomedical Sciences

Gracie Buley

Odorous to En Pointe



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Jr0414 - 04 - Health & Biomedical Sciences

Kaitlyn Eugene

Sit Up, Don't Slouch

Jr0415 - 04 - Health & Biomedical Sciences

Darin Abu Hilal

Spot that Spot!!

Jr0416 - 04 - Health & Biomedical Sciences

Andie May Chua

Kierra Taylor

The Effects of Anti-Inflammatory Medications on the Heart Rate of Daphnia Magna

Jr0417 - 04 - Health & Biomedical Sciences

Amelia Bates

The Effects of Beverages on Metabolism as Measured by the Concentration of Hydrogen Ions in Biological Waste Material

Jr0418 - 04 - Health & Biomedical Sciences

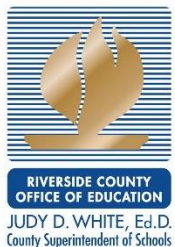
Cadence Wright

What Type of Essential Oil Reduces the Most Mouth Bacteria?

Jr0419 - 04 - Health & Biomedical Sciences

Imani Campbell

Which Liquids Stain Your Teeth The Most - Coffee, Tea or Coke?



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Jr0501 - 05 - Cellular & Molecular Biology
Cassidy Hill
Are Fingerprints Inherited?

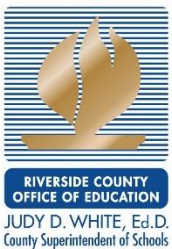
Jr0502 - 05 - Cellular & Molecular Biology
Raymond Cervantes
Germ Squirm

Jr0503 - 05 - Cellular & Molecular Biology
Jake Felton
Plant Defenses: Garden Warfare

Jr0504 - 05 - Cellular & Molecular Biology
Anisha Prasad
Plasmid DNA Transformation

Jr0506 - 05 - Cellular & Molecular Biology
David Ouk
Suraj Jayaraman
Project Planaria

Jr0601 - 06 - Chemistry
Blake Anderson
A Popcorn Problem



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Jr0602 - 06 - Chemistry

Mia Aguiluz

Ashes to Ashes, Dust to Dust

Jr0603 - 06 - Chemistry

Joseline Guzman

Caitlyn Hill

Brianna Gomez

E. W. W.

Jr0604 - 06 - Chemistry

Lily Yang

Electrolyte Challenge

Jr0605 - 06 - Chemistry

Nyisis Salgado

Ink vs. Paper

Jr0606 - 06 - Chemistry

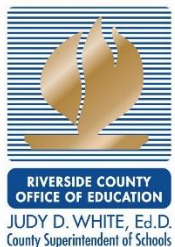
Nicholas Wedel

Salt and Ice: Does It Really Melt?

Jr0607 - 06 - Chemistry

Miles Macken

Sugar Power



2019 Riverside County Science and Engineering Fair Project List

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Jr0608 - 06 - Chemistry

Tiffany Ngo

Danica Adorador

The Effectiveness of Different Types of Antacids on Gastric Acid Neutralization

Jr0609 - 06 - Chemistry

Tyler Fiallos

What Conducts More Electricity - A Lemon or Potato

Jr0610 - 06 - Chemistry

Jonah Tucker-Ward

What Are You Feeding Me?

Jr0611 - 06 - Chemistry

Sadie Romero

Which Biodegradable Laundry Detergent Removes Stains Best?

Jr0612 - 06 - Chemistry

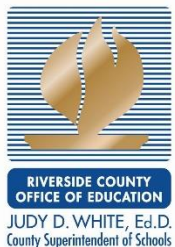
Sarah Vali

Which One Will Rise Above the Rest

Jr0613 - 06 - Chemistry

Avelina Carrillo

Rusty Rival?



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr0614 - 06 - Chemistry

Isabel Wold

Rainbow Fire

Jr0615 - 06 - Chemistry

Adelaine Wuehler

Solving a Sticky Situation

Jr0616 - 06 - Chemistry

Danica Daskocil

The pH of Solutions

Jr0801 - 08 - Earth & Environmental Sciences

Ryan Friedman

"In Depth" Lake Pollution

Jr0802 - 08 - Earth & Environmental Sciences

Lucas Dyal

Coliform and Escherichia Coli Contamination in Local Bodies of Water

Jr0803 - 08 - Earth & Environmental Sciences

Cameron Conner

Does Air Quality at Schools Near the Freeway Make the Grade?



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr0804 - 08 - Earth & Environmental Sciences

Bryce Schmitz

How Does Radiation Affect the Germination of Seeds

Jr0805 - 08 - Earth & Environmental Sciences

Kayla Simpson

Let's Make a Splash!

Jr0806 - 08 - Earth & Environmental Sciences

Mack Lyons

Pass the Salt

Jr0807 - 08 - Earth & Environmental Sciences

Nathan Barber

What is the Most Effective Method to Remove Contaminants from Water?

Jr0808 - 08 - Earth & Environmental Sciences

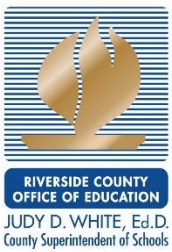
Madeleine Scott

Wiggling Waste

Jr0901 - 09 - Embedded Systems

Zachary Brasher

Terminating Turbidity



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr0902 - 09 - Embedded Systems

Kirolls Moussa

WiFi Signals

Jr1001 - 10 - Energy: Chemical & Physical

Patrick Verzosa

Attract or a Trap

Jr1002 - 10 - Energy: Chemical & Physical

Melissa Perez

Natalie Araujo

Fredy Centeno

Blade Power

Jr1003 - 10 - Energy: Chemical & Physical

Mathew Eastman

Burning Calories

Jr1004 - 10 - Energy: Chemical & Physical

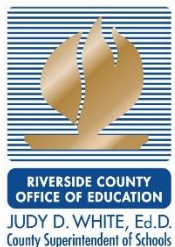
Malia Felix

Does Surface Texture Affect Motion?

Jr1005 - 10 - Energy: Chemical & Physical

Carson Done

Ecstatic About Static



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr1006 - 10 - Energy: Chemical & Physical
Joshua Alferez
Orange is the New Green: Limonene

Jr1007 - 10 - Energy: Chemical & Physical
Julian Delgado
Put Your Money Down, Power Up

Jr1008 - 10 - Energy: Chemical & Physical
Naomi Colinayo
Tara Bordner
Radiation: You Light Up My Life

Jr1009 - 10 - Energy: Chemical & Physical
Yuvraj Shiv
Solar Hot Dog Cooker

Jr1010 - 10 - Energy: Chemical & Physical
Allison Dieges
Solar Panel Angles

Jr1011 - 10 - Energy: Chemical & Physical
Joshua Bowman
Magnetic Linear Accelerator



2019 Riverside County Science and Engineering Fair Project List

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Jr1012 - 10 - Energy: Chemical & Physical
TJ Collins
The Power of Purple

Jr1013 - 10 - Energy: Chemical & Physical
Bobbie Varela
Thermal Expansion

Jr1101 - 11 - Engineering Mechanics
Arabella Kats
And the Strongest Bridge is ...?

Jr1102 - 11 - Engineering Mechanics
Jasmine Dimas
Nyjel Reyes
Building a Hand: Using Straws

Jr1103 - 11 - Engineering Mechanics
Christopher Reed
Hovercraft: Floating on a Cushion of Air

Jr1104 - 11 - Engineering Mechanics
Salvador Segura III
How to Make a Plane Disappear from a Radar



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr1105 - 11 - Engineering Mechanics
Avery Shellito
Interusting

Jr1106 - 11 - Engineering Mechanics
Leonardo Garcia
Luis Medina
Tristan Sepulveda
Kranium Pneumatics

Jr1107 - 11 - Engineering Mechanics
Heidi Bishop
Shake It Up: The Effect of Temperature on Building Materials During an Earthquake

Jr1108 - 11 - Engineering Mechanics
Aminah Khan
Solar Umbrella

Jr1109 - 11 - Engineering Mechanics
Rubi Alvarez
Surface Texture and Aerodynamic Efficiency

Jr1110 - 11 - Engineering Mechanics
Eden Bax
The Doggomatic Feeder



2019 Riverside County Science and Engineering Fair Project List

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- Jr1111** - 11 - Engineering Mechanics
Alessandra Joson
The Electromagnet and Its Importance
- Jr1112** - 11 - Engineering Mechanics
Darian Satcherwhite
Ashley Colstock Horn
The Plant Waterin Machine
- Jr1113** - 11 - Engineering Mechanics
Jadian Delgado
Which Gas Will Make a Soccer Ball Blast?
- Jr1114** - 11 - Engineering Mechanics
Santiana Sanchez
Which Propeller Works Best?
- Jr1115** - 11 - Engineering Mechanics
Ila Patton
Saniya McWright
Which Solar Array Serve You Best?
- Jr1116** - 11 - Engineering Mechanics
Kaitlyn Craig
It's Getting' Hot In Here



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr1117 - 11 - Engineering Mechanics

David Balbuena

Santiago Ibarra

Evan Rivas

Use Super-Strong Magnets to Make a Simple Motor

Jr1201 - 12 - Environmental Engineering

Ryan Drake

A New Desalination Method: Comparing the Effectiveness of Carboxylic Acid Directional Solvents to Reduce Salinity Levels

Jr1202 - 12 - Environmental Engineering

Dax Shellito

Burrrrr

Jr1203 - 12 - Environmental Engineering

Maya Kademani

Tanmayi Kademani

Moringa Oleifera Seeds an Alternate to Alum in Water Treatment

Jr1204 - 12 - Environmental Engineering

Angela Barajas

Tanya Becerra

New Fertilizer



2019 Riverside County Science and Engineering Fair Project List

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Jr1205 - 12 - Environmental Engineering
Kayla Jensen
Pollution Solution

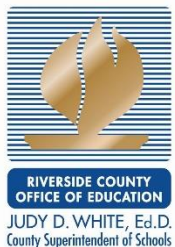
Jr1206 - 12 - Environmental Engineering
Alyssa Leyva
Purifying Emergency Sources of Water

Jr1207 - 12 - Environmental Engineering
Abigail Alvarez
Arlene Rivera
Jonathan Marquez-Leal
Saving the Salton Sea

Jr1208 - 12 - Environmental Engineering
Leslie Luedtke
Solar Desalination

Jr1209 - 12 - Environmental Engineering
Ava Rodriguez
Solar Power Saves

Jr1210 - 12 - Environmental Engineering
Valerie Baraias
Veronica Gonzalez
The Effect of Solar Energy on Water Filtration



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr1301 - 13 - Materials Science

Nicholas Tatar

Blood Stain Pattern Analysis

Jr1302 - 13 - Materials Science

Collier Mize

Liquidized Bed

Jr1303 - 13 - Materials Science

Victor Mendoza

Low Voltage

Jr1304 - 13 - Materials Science

Aeden Burch

Soundproofing - Shh...

Jr1305 - 13 - Materials Science

Lilia Tomoff

Squeaky Green: Environmentally Friendly Exfoliating Soap

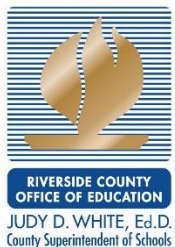
Jr1306 - 13 - Materials Science

Daniela Arguelles

Luz Cazarez

Lisette Guerra

The Lip Balm Project



2019 Riverside County Science and Engineering Fair Project List

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Jr1307 - 13 - Materials Science

Emily Blackwell

Water for Thought

Jr1308 - 13 - Materials Science

Jeremy Araneta

Win the Race to Become an Olympic Swimmer - Reduce Your Drag

Jr1401 - 14 - Mathematics

Ester Weinhardt

Sophia Vela

It's All Greek Yogurt to Me

Jr1402 - 14 - Mathematics

Emely Delgado

Emma Cabusora

Rethinking Raffles

Jr1403 - 14 - Mathematics

James Glenny

The Vitruvian Kid: A Study of Mathematical Relationships in the Human Body

Jr1501 - 15 - Microbiology

Vanjuan Vladimirov

Bacteria - Ever Wondered How Dirty Objects Around the House Really Are?



2019 Riverside County Science and Engineering Fair Project List

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Jr1502 - 15 - Microbiology
Joseph Fitzgerald
Bacteria Beware

Jr1503 - 15 - Microbiology
Kimberly Leon
Bacteria Growth

Jr1504 - 15 - Microbiology
Drew Gomez
Bubble Trouble

Jr1505 - 15 - Microbiology
Kamari Flanagan
Bye Bye Bacteria

Jr1506 - 15 - Microbiology
Joseph Booth
Eye Bugs - Which Contact Solution is the Most Sterile?

Jr1507 - 15 - Microbiology
Sophia Pham
How is the Bioluminescence of Marine Dinoflagellates Pyrocystis Lunula Affected by Changes to Its Light to Dark Cycle?



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(as of 3/19/19)

Jr1508 - 15 - Microbiology

Shreyash Goli

The 5 Second Rule: Is it Legitimate?

Jr1509 - 15 - Microbiology

Davenee McFadden

The Effectiveness of Allium Sativum as an Alternative to Synthetic Ampicillin to Inhibit the Growth of Escherichia Coli

Jr1510 - 15 - Microbiology

Madison Pehkonen

Danielle Pizarro

The Effects of Radiation

Jr1511 - 15 - Microbiology

Mari-Carmen Guerra

Kaylee Morton

Tiny Dangers of the School

Jr1601 - 16 - Physics & Astronomy

Brady Wetter

Baseball Flight Based on the Material of the Bat

Jr1602 - 16 - Physics & Astronomy

Katelynne Ray

Conserving Heat



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Jr1603 - 16 - Physics & Astronomy

Serena Uribe

Dancing Fire

Jr1604 - 16 - Physics & Astronomy

Antonio Buan

Fast Enough?

Jr1605 - 16 - Physics & Astronomy

Ariana Mikaelian

How Much Height to Loop the Loop?

Jr1606 - 16 - Physics & Astronomy

Marisol Rangel

Juliet Sanchez

Jordan Garcia

Pouring Light

Jr1607 - 16 - Physics & Astronomy

Karmen Shoemaker

Rocket Mass Pool Heater vs. Gas Pool Heater



2019 Riverside County Science and Engineering Fair Project List

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Jr1608 - 16 - Physics & Astronomy

Crystal Garcia

Roller Caster Marbles

Jr1609 - 16 - Physics & Astronomy

Nicholas Gomez

Soundwaves Goodbye

Jr1610 - 16 - Physics & Astronomy

Andrew Pool

Space Particles from Space

Jr1611 - 16 - Physics & Astronomy

Conrad Bagwell

The Hole Sound

Jr1612 - 16 - Physics & Astronomy

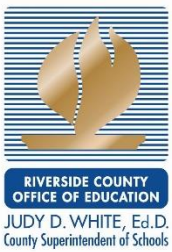
Daniel DeBolt

To Be Buoyant or Not To Be Buoyant - That is the Question

Jr1613 - 16 - Physics & Astronomy

Elizabeth Shumaker

Top Gun



2019 Riverside County Science and Engineering Fair Project List

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Jr1701 - 17 - Plant Sciences

Makayla Wilbanks

Nareth Landin

Jayda Brooks

Composting for a Cause

Jr1702 - 17 - Plant Sciences

Montserrat Sanchez

Do Chemicals in Water Help Plants Grow?

Jr1703 - 17 - Plant Sciences

Rebecca Sandoval

Fertilizer vs. Natural Resources

Jr1704 - 17 - Plant Sciences

Riya Patel

Power of Positivity

Jr1705 - 17 - Plant Sciences

Nicole Escobar

Save Salton Sea

Jr1706 - 17 - Plant Sciences

Adani Ahmad

Sprouting Colors



2019 Riverside County Science and Engineering Fair Project List

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Jr1707 - 17 - Plant Sciences

Alexa Alvarado

Stella Garza

What Happens When There is No Nitrogen-Fixing Bacteria for the Plants Growth?

Jr1708 - 17 - Plant Sciences

Annalise Domenigoni

Wheat Fertilizer

Jr1801 - 18 - Robotics & Intelligent Machines

Aidan Bunch

Derek Hsieh

Image Recognition Through Artificial Intelligence

Jr1802 - 18 - Robotics & Intelligent Machines

Art Gonzalez

The Incredible Crane Robot

Jr1803 - 18 - Robotics & Intelligent Machines

Tristan Tan

The Light Tracking Robot

Jr1804 - 18 - Robotics & Intelligent Machines

Joseph Dadlez

Weed Killer Robot



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Senior Division (Grades 9-12) Projects

Sr0101 - 01 - Animal Sciences

Sandra Rodriguez

Can Budgies Recognize the Human Oral Language as a Flock? If So, To What Extent?

Sr0102 - 01 - Animal Sciences

Jesus Rivera

Formula Milk vs. Mother's Milk

Sr0103 - 01 - Animal Sciences

Ivette Aceves

Peanuts for Larger Eggs

Sr0201 - 02 - Behavioral & Social Sciences

Geomarie Ashley Saldana

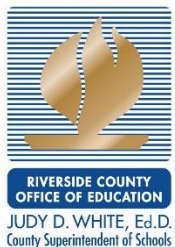
Do Consumers Choose Products Based on their "Degree of Familiarity" with Such Products?

Sr0202 - 02 - Behavioral & Social Sciences

Natalie Garza

Elizabeth Martinez

Does Your Brain Trick Your Hearing Based on Your Age?



2019 Riverside County Science and Engineering Fair Project List

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Sr0203 - 02 - Behavioral & Social Sciences

James Kim

Improving Cognition in Aging Adults via Broad Learning

Sr0204 - 02 - Behavioral & Social Sciences

Julianne Tamias

Music = Distraction?

Sr0205 - 02 - Behavioral & Social Sciences

Isabella Chard

Music on the Brain

Sr0206 - 02 - Behavioral & Social Sciences

Vanessa Becerra

Reaction Time When Texting

Sr0207 - 02 - Behavioral & Social Sciences

Sophia Santoso

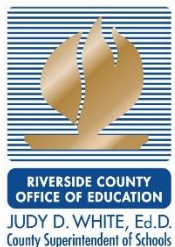
What Effect Does Smartphone Usage Have on High School Students?

Sr0301 - 03 - Biochemistry

Isabel Pelayo

Vianney Ponce

An Egg-speriment on Teeth



2019 Riverside County Science and Engineering Fair Project List

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Sr0302 - 03 - Biochemistry

Maanasi Kademani

Anacardic Acid Analogs for the Inhibition of Matrix Metalloproteinase-2

Sr0303 - 03 - Biochemistry

Samuel Alston

Study on the Enzyme Found in Pineapple: Bromelain

Sr0304 - 03 - Biochemistry

Jahnavi Issar

The Effect of Ionic Concentration and pH on Proteolytic Activity of Bromelain

Sr0305 - 03 - Biochemistry

Esteban Lopez

The Effects that pH Value has on the Activity of Catalase

Sr0401 - 04 - Health & Biomedical Sciences

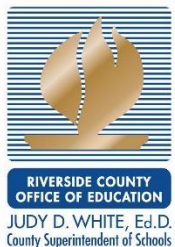
Hailee Hammond

G.E.R.D. Treatment Au Naturel

Sr0402 - 04 - Health & Biomedical Sciences

Jeewan Kaur

Nanotechnology: The Medical Field of the Future



2019 Riverside County Science and Engineering Fair Project List

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Sr0403 - 04 - Health & Biomedical Sciences

Jonathan Morales

Race of Nerves

Sr0404 - 04 - Health & Biomedical Sciences

Hyunjin Rheem

Seeta Patel

Reduced Expression of an Apoptotic Marker on RBC-Derived Drug Delivery Vehicles

Sr0405 - 04 - Health & Biomedical Sciences

Hara Jo

The Effect of NIH/313 Fibroblast Co-Culture on Growth and Survival of HMEC

Sr0406 - 04 - Health & Biomedical Sciences

Jamal Karim

Noel Simon

Raam Naveen

An Assessment on the Anti-Hypertensive Potential of the Plant; Momordica Charantia

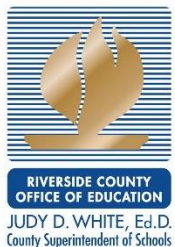
Sr0407 - 04 - Health & Biomedical Sciences

Kristine Caneda

Serena Patel

Paige Prescott

The Pathophysiology of Asthma, Pet Dander, and Pet Hair



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Sr0408 - 04 - Health & Biomedical Sciences

Gabriel Bautista

Julian Ramirez

More Caffeine = More Energy

Sr0501 - 05 - Cellular & Molecular Biology

Briana Meza

Cell Regeneration in Planaria

Sr0502 - 05 - Cellular & Molecular Biology

Gary Song

Single-Molecule Transcriptome-Wide Dynamics of Translation

Sr0503 - 05 - Cellular & Molecular Biology

Jillian Labador

Engineering Pseudomonas Putida KT2440 for Biodegradation of Ethylene Glycol

Sr0601 - 06 - Chemistry

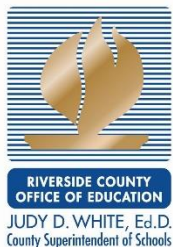
Bright Ekhaguere

Fire Retardant Paint

Sr0602 - 06 - Chemistry

Gabriela Arias

Lead Exposure: A Danger to Public Health



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Sr0603 - 06 - Chemistry

Stephanie Kuck

Jaden Bagwell

Soda Acidity Through Change in Temperature

Sr0604 - 06 - Chemistry

Olivia Russ

The Chemistry of Bread Making

Sr0605 - 06 - Chemistry

Chloe Larson

Ryan Elbo

The Great Bread Science Experiment

Sr0701 - 07- Computational Biology & Bioinformatics

Jibiana Jakpor

Comparison of Gene Expression in Pancreatic Cancer With and Without Perineal Invasion

Sr0702 - 07- Computational Biology & Bioinformatics

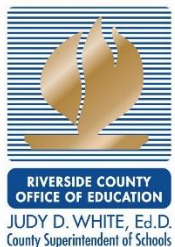
Kenny Nguyen

Fractals and the Chaos Theory in Oncology and the Analyzation of Tumors

Sr0801 - 08 - Earth & Environmental Sciences

Vivien Terrell

Ocean Acidification



2019 Riverside County Science and Engineering Fair Project List

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Sr0802 - 08 - Earth & Environmental Sciences

Nicolas Almeida

Alexander Nguyen

Nicholas Tan

Sewer Effluent and the Environmental Effects

Sr0803 - 08 - Earth & Environmental Sciences

Dillon Gonzalez

The Effect of Rheology on Reverse Faults Using a Fault Deformation Machine

Sr0804 - 08 - Earth & Environmental Sciences

Brantley Ryan

The Effects of Simulated Rain on Varying Types of Erosion Control Methods

Sr0901 - 09 - Embedded Systems

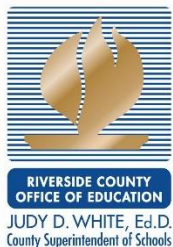
Andre Huerto

Combining to Cool

Sr1001 - 10 - Energy: Chemical & Physical

Desiree Hernandez

Grass to Gas



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Sr1002 - 10 - Energy: Chemical & Physical

Jeff Liu

Jacob Bright

Observing the Photoswitching Mechanism of Donor-Accepting Stenhouse Adduct (DASA) Molecules

Sr1003 - 10 - Energy: Chemical & Physical

Faith Inverary

Solar Controller: How Varying Weather Patterns Affect Light to Heat Conversion Within Solar Ovens

Sr1004 - 10 - Energy: Chemical & Physical

Ariana Molkara

The Effects of Temperature on Battery and its Chemical Reactions

Sr1005 - 10 - Energy: Chemical & Physical

Brooke Eckenroth

Jacquelin Monson

Wind Turbines: Our Efficient Future

Sr1101 - 11 - Engineering Mechanics

Spencer Krock

Wind Tunnel Analysis of Semi-Rigid Airfoil Structures for a Collapsible Hybrid Buoyant Atmospheric Spacecraft



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Sr1102 - 11 - Engineering Mechanics

Roselyn Ruiz

Angelina Northcutt

Most Effective Lighthouse

Sr1103 - 11 - Engineering Mechanics

Dionicio Samaniego

Kimberly Hernandez

Anthony Uriostegui

The Exterminator

Sr1104 - 11 - Engineering Mechanics

Jasmine Bae

The Feasibility of 3D Printing for Civil Engineering Projects

Sr1105 - 11 - Engineering Mechanics

Brian Chen

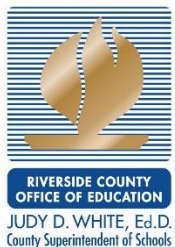
Joever Orillosa

Tunnel Vision: Redesigning for Structural Efficiency

Sr1201 - 12 - Environmental Engineering

Brian Chu

Bioplastic Degradation



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Sr1202 - 12 - Environmental Engineering

Mirabella Smith

Desalinating Water Using a Centrifuge and Varying Layers of Filtration

Sr1203 - 12 - Environmental Engineering

Josue Soto

Jacqueline Pham

DIY Water Filter

Sr1204 - 12 - Environmental Engineering

Allyson Diosdado

Julian Montano

Gabriel Jimenez

Monitoring the Coral Reefs

Sr1205 - 12 - Environmental Engineering

Dimple Garuadapuri

Na/Ca/K Pollution Scrub: A Domestic Approach to Chemical Carbon Capture

Sr1206 - 12 - Environmental Engineering

Joshua Ramirez

Jose Ramos

Ryan Lazalde

Revolutionary Wind Turbine



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Sr1207 - 12 - Environmental Engineering

Gavin Joyce

Surviving Drought V: Accessible Resources for Improving Sustainable Yield

Sr1301 - 13 - Materials Science

Edward Koh

Characterizing the Atomic Structure of Amorphous Carbon Electrodes for Na-ion Batteries by Machine Learning

Sr1302 - 13 - Materials Science

Brandon Helm

Hayley Brown

Composition of a Baseball Bat

Sr1303 - 13 - Materials Science

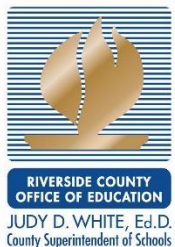
Brendan Morgan

Determining the Effect of Radiative Fins on Heat Dissipation

Sr1304 - 13 - Materials Science

Nicholas Perez

Facilitating Emergency Thermal Protection via an Integration of Materials Augmented by an Endothermic Process



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Sr1305 - 13 - Materials Science

Lana Lim

Wenxuan Tang

Methylglyoxal, An Antibacterial Agent in Manuka Honey and Its Efficacy to Treat S. Aureus Nosocomial Infections

Sr1306 - 13 - Materials Science

Taylor Chavez

Nilinol Arm

Sr1307 - 13 - Materials Science

Enoch Xu

The Effect of Transfer Temperature on the Defect Density of Graphene

Sr1308 - 13 - Materials Science

Ayanna Hall

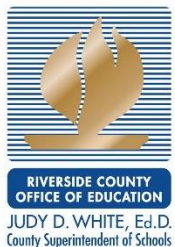
Danae Borders

You're One Swheat Cookie

Sr1501 - 15 - Microbiology

Saira Gupta

A Preliminary Assessment of Surgical Site Infection Prophylaxis with Topical Micronutrients



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Sr1502 - 15 - Microbiology

Curtis Chen

Exploring Plant Natural Products for Novel Antimicrobial Activities

Sr1503 - 15 - Microbiology

Natalie Hobson

The Gut Microbiome and BMI

Sr1504 - 15 - Microbiology

Sanskriti Balaji

Harshikasai Kellampalli

The Reversal of Antibiotic Resistance

Sr1601 - 16 - Physics & Astronomy

Edgar Ventura Melendrez

Aaron Lim

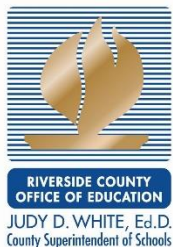
Moises Hernandez

Eagle Rocketeer Program

Sr1602 - 16 - Physics & Astronomy

Ellorie Mariano

Efficiency Droop Mechanisms in LEDs



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Sr1603 - 16 - Physics & Astronomy

Malika Nindra

Avantika Rozario

Golf Angles and Ball Flight

Sr1604 - 16 - Physics & Astronomy

Jimmy Shi

Magnetic Damping Study by Broadband Ferromagnetic Resonance

Sr1605 - 16 - Physics & Astronomy

Joaquin Valdez

Mathematical vs. Experimental Properties of Light

Sr1606 - 16 - Physics & Astronomy

Daniel Gallardo

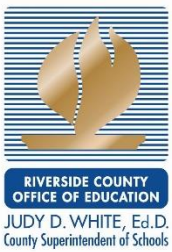
Samantha Gonzalez Marquez

Rolling with Friction

Sr1607 - 16 - Physics & Astronomy

Esmeralda Zea

Serve It Up!



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Sr1608 - 16 - Physics & Astronomy

Rami Ratl Mrad

The Effect of the Cosmological Constant on Galaxy Formation and the Mass Distribution of Dark Matter Haloes

Sr1609 - 16 - Physics & Astronomy

Treva Nguyen

The YoYo

Sr1610 - 16 - Physics & Astronomy

Kayla Cunningham

Using Winglets to Reduce Draft Therefore Decreasing Fuel Consumption and Carbon Dioxide Emmissions

Sr1701 - 17 - Plant Sciences

Keven Ojeda

Aspirin and the Beanstalk

Sr1702 - 17 - Plant Sciences

Leslie Veal

Dirt vs. Soil



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Sr1703 - 17 - Plant Sciences

Enrique Mendoza

Diego Santos

Does Fusarium Euwallacea Cause Canker Development in Native Willow Trees?

Sr1704 - 17 - Plant Sciences

Isaias Perez

Effect of Plant Using Different Solutions

Sr1705 - 17 - Plant Sciences

Gabriel Thompson

Fighting Climate Change Through Reforestation

Sr1706 - 17 - Plant Sciences

Oscar Diaz

Plants and Fertilizer

Sr1707 - 17 - Plant Sciences

Andreina Mendoza

The Effect of Increased Carbon Dioxide Exposure on Tagetes Seed Germination

Sr1708 - 17 - Plant Sciences

Isabelle Do

The Effect of Nuclear-Cytoplasmic Partitioning of AAR2 and HYL1 on microRNA Biogenesis



2019 Riverside County Science and Engineering Fair Project List

(as of 3/19/19)

Sr1709 - 17 - Plant Sciences

Nathan Pietrantonio

Tyler Smith

The Effects of EMF Radiation on the Growth of Italian Roma Tomato Plants

Sr1801 - 18 - Robotics & Intelligent Machines

Angel Bazavilvazo

Jennie Bergman

Leah Lira

Jag-L

Sr1802 - 18 - Robotics & Intelligent Machines

Anurag Gajaria

Tyler Billman

Briana Marquez

The Most Efficient Flipping Robot Using Vex Components

Sr1901 - 19 - Systems Software

Carey Yoon

Machine Learning and Music Composition

Sr1902 - 19 - Systems Software

Jiahan (Peter) Cheng

Thomas Rife

August Wetterau

Seeing Reality