



**GOVERNING BOARD AGENDA ITEM
AMPHITHEATER UNIFIED SCHOOL DISTRICT NO. 10**

DATE OF MEETING: **May 10, 2022**

TITLE: **Recognition of 2022 SARSEF Winners**

BACKGROUND:

Each year the Southern Arizona Research, Science and Engineering Foundation (SARSEF) celebrates young researchers and scientists from grades K-12 at a science fair competition. Winning science fair projects at the school level are selected to compete at the Southern Arizona Research, Science and Engineering Fair (SARSEF).

This year projects from more than 100 schools in southern Arizona were submitted. Amphitheater Public Schools had 80 projects from seven schools across the District advance to the SARSEF competition. A total of nearly 65 projects received special awards or 1st or 2nd place honors. A full list of winners is attached.

RECOMMENDATION:

This is presented for the Board's information and recognition.

INITIATED BY:

Michelle Valenzuela, Communications Director

Date: April 29, 2022

Todd A. Jaeger, J.D., Superintendent

2022 SARSEF WINNERS

Innovation Academy

Top Elementary School

Copper Creek Elementary School

Alyna Barnett
Landyn Barnett
Lilly Clauer
Oz Folkman
Ms. Tara Wieber's Class

Saving Water with Recycled Textiles
Best DIY Fire Starters for Camping
Crystals and How they are Formed
Creating a Glue Force Field For Glass
Worms are eating our leftovers!

2nd Place & ASQ Tucson Sponsored Award, AZ Hydrological Society
1st Place
Tucson Gem & Mineral Society
2nd Place
1st Place

Coronado K-8 School

Penny Sinohui

Do Greenies actually clean our pet's mouth

SARSEF Grand Award-1st Place

Cross Middle School

Aliza Jayani Alcoser
Anamaria Elez
Augustus Mitchell
Blake Pierpont
Brandon Payne
Camryn May Gross
Cecily May Stiening
Elle Lu Thompson
Gabriel Vaughn
Gabriel Vaughn
Hassan Lorenzo Lopez
Jacinda Belle Jordison
Juliet Iadevaia
Lily Weleck
Madilyn Allison Stevens
Sawyer Drake McDermed
Vivienne Yewell

Geodes; How to Tell what is Inside
Swimming Caps and How They Affect the Speed of Swimmers
UAV Submarine
Bam! Speed of a Gun
"Reely Easy" Automatic Reeling Device
Dog toys: Does Color and Size Matter
What Drug Use Effects Will Deter Middle Schoolers' From Using Drugs?
Lysol Spray vs Lysol Wipes Starring Money
A World on Fire 2, How to replant forests after wildfires; like those in Australia and California and now here in Oro Valley?
It's Card To Choose a Game..
MiscO3nceptions of AQUEOUS OZONE
Tech Suits, Are They Worth The Expense?
Innovating Solar Panels to Remotely Send Solar Energy
Special Moons: One End of the Rainbow to the Moon
Geodes; How to Tell what is Inside
The Magnetic Free Fall Experiment
Sensitive Plants

Southern Arizona Grotto RISING STALAGMITE AWARD, Tucson Gem & Mineral Society
SARSEF Board of Directors Award & Department of Navy Naval Science Award
2nd Place, Department of Navy Naval Science Award, & USS Tucson 770 Club Outstanding project in nautical or submarine sciences
Safety in Physics Award
1st Place
SARSEF Board of Directors Award & Department of Navy Naval Science Award
1st Place
2nd Place
2nd Place, Lemelson Early Inventor Prize, & TACO Team's, Put the "C" in TACO Award
SARSEF Board of Directors Award
2nd Place
1st Place
1st Place & TEP Award of Excellence
Robin M. Cattler Innovation Award
Southern Arizona Grotto RISING STALAGMITE AWARD, Tucson Gem & Mineral Society
1st Place
1st Place

Innovation Academy

Aaron Eager
Adalee Watson
Addison Zimmerman
Audrey Alameda
Boran Hu
Breckyn Koenig
Carley Soldat-Valenzuela
Clinton Willey
Drake Taylor
Dylan Spiker
Elias Theiss
Ella Schulzkump
Ellie Carter-Rogel
Faith Thomas
Frankie Mendez
Griffin Ferris
Hailey Hakala
Isabella Gruenwald
Johnny Luecke
Kalia Lopez
Leopoldo Delgado
Mason Rehm
Mila Madeka
Morgan Friezen
Patrick Sotelo
Siena Ballmann
Sydney Albers
Talan Freytag
Vincent Poyas

Don't Throw it, Coat It!
Pitch Perfect Baking
Will you be Right Guessing Jellies by Sight?
Pitch Perfect Baking
The Lid Cooler
Warming My Pool Not My Planet
The Art of Data
Green Power: A Sustainable Energy Alternative
3-2-1 Blast Off! Rocket Launching
The Art of Data
Rocks in the Soil vs Plain Soil
Magnetic Structures
All You Seed Is Love
Tangled Part 2
The Lid Cooler
Marine Mass and Models
The Germ Project
Freeloading Chicken on the Loose
Best booger blowout!
Pitch Perfect Baking
Got to Wear My Shades
Something Fishy is Going On!
Enrichment for Tigers
Don't Lose it! Reuse it!
The Chip Problem
The Art of Data
Slow Progress is Still Progress
Reflux Hurts (HELP!) : Does the PH level in my favorite foods affect my reflux/GERD?
The Scorpion Reservoir

1st Place & Polymer Chemistry Innovations Innovative Chemistry Award – 2nd Place
Rockefeller Award
2nd Place
Rockefeller Award
1st Place
1st Place
2nd Place
Cox Conserves Award
1st Place
2nd Place
2nd Place
Pima County Fair Mechanical Excellence Award
2nd Place & TEP Award of Excellence
Pima County Fair Excellence in Robotics
1st Place
1st Place
1st Place
1st Place
2nd Place
Rockefeller Award
1st Place
1st Place
2nd Place & Sharing The Planet
Women's Chemistry Group Best Female Project 4th Grade
2nd Place
2nd Place
1st Place
1st Place
2nd Place & TEP Award of Excellence

Ms. Ashlee Watson's Class	2 times the fun!!	1st Place & ASQ Tucson Sponsored Award
Ms. Ashlyn Lehwald's Class	Who Let the Air Out?	1st Place
Ms. Danielle Swartz's Class	Keeping Ants out of our PANTS and our PLANTS	1st Place
Ms. Elisabeth Gingrich's Class	No More Litter!	2nd Place
Ms. Lori LaRussa's Class	Pop! Are you Paying Attention?	1st Place & TEP Award of Excellence
Ms. Mabel Rivera's Class	Fabric Strength	1st Place & The Earnest House LLC Helping Hands Award
Ms. Mabel Rivera's Class	Let it Grow!	1st Place & The Earnest House LLC Helping Hands Award
Ms. Mabel Rivera's Class	Knit, Knot Stress	The Earnest House LLC Helping Hands Award, Ben's Bells Science of Kindness Award
Ms. Mandi Cordell's Class	We Axolotl! Questions	1st Place, ASQ Tucson Sponsored Award, Tucson Herpetological Society Outstanding Award, Best Pun Super Star Award
Ms. Niki Tilicki's Class	Can You Hear Me?	2nd Place
Ms. Niki Tilicki's Class	Intentionally Kind Kids	1st Place
Ms. Niki Tilicki's Class	Reach for the Stars	2nd Place & Excellence in Earth and Space Science
Ms. Pamela Barrett's Class	Growing in a Bubble: A Balloon Greenhouse Effect	2nd Place & UA Plant Sciences Planting the seed: Excellence in plant sciences research 1st Place
Ms. Patricia Patchin's Class	H2Whoa! See How We Grow!	1st Place
Ms. Rachelle Ferris's Class	STEP INTO IT: Helping our Health	1st Place
Ms. Rachelle Ferris's Class	The Fun Sun	1st Place
Ms. Sabina Vaswani's Class	Face Mask Extravaganza	2nd Place
Ms. Shannon Maxon's Class	Pollinator Palooza	2nd Place
Ms. Susan Steen's Class	These Hands Are Made For Washing	1st Place

Lulu Walker Elementary School

Levi Miller	Making My Own PH Test
Nicolas Kelley	One Little Seed
Ms. Susan Luciano's Class	Cookies Slam Dunk

Kids' Chemical Solutions Excellence in Chemistry
1st Place
1st Place

Richard B. Wilson School

Amelia Meadows-Wallace	Magical Roofs
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TEP Award of Excellence

Winifred Harelson Elementary School

Audrey Mandel	What Will Slow Down Mold on Strawberries?
Brayden Carr	Game Time
Dominick San Angelo	Game Time
Emmy Sieminski	Rrrecard\$
Gabriel Mora	The Homework Folder Reminder
Gavin Cook	Javelina Javelin-A
Harper Francom	Cart Wash
Harper McDermid	A Salty Surprise
Hayli Knight	Do Dogs Have a Paw Preference Like Humans?
Jackson Cole	Game Time
Jaxyn DeCastro	Sanitizer Wars
Livia Aronson	Wind Turbine vs. Blade Placement
Lukas Paulos	The DeBurrer
Maizie McIntosh	The Thorny Transplanter
Ms. Lindsay Wong's Class	Introverts vs Extroverts: What Do You Recall?
Ms. Lindsay Wong's Class	What's In Your Wallet?
Ms. Robyn Yewell's Class	For Nature By Nature: Can Desert Plants Stop Soil Erosion?
Ms. Sarah Nystedt's Class	Seedy Soccer: Which materials will prevent burs from the field on different textiles?
Ms. Susie Herman's Class	Colony Morphology: Identifying Microbial Diversity
Natalie Lowe	Furcyclor and Shelter Blankets/Beds
Noah Fouts	Coolbelt

1st Place & SaferFood Cats Food Safety Award – First Place
2nd Place
2nd Place
Award of Engineering Design Excellence
2nd Place
1st Place, Robin M. Cattler Innovation Award, & TEP Award of Excellence
Science Superstar
2nd Place & Women's Chemistry Group Best Female Project 5th Grade
2nd Place
2nd Place
2nd Place
Robin M. Cattler Innovation Award
TEP Award of Excellence
Tucson Cactus and Succulent Society Honorable Mention
1st Place
1st Place
1st Place
1st Place
1st Place
The Earnest House LLC Helping Hands Award
TEP Award of Excellence

Teacher Awards

Cross Middle School	Alexandria Vaughn
Harelson Elementary School	Robyn Yewell
Harelson Elementary School	Dee Padilla
Innovation Academy	Mandi Cordell
Innovation Academy	Eisabeth Gingrich
Lulu Walker Elementary School	Monique Berry-Kelley

SARSEF Champion Educator of Science and Engineering
Educator Advocate of Science and Engineering
White Stallion Ranch Teacher Excellence Award
Educator Advocate of Science and Engineering
Educator Advocate of Science and Engineering
Educator Advocate of Science and Engineering