



2017 Southern Arizona Research, Science and Engineering Fair (SARSEF)

First and Second Place Project Awards

Canyon del Oro High School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
HS-MI016 Lance Picton	Biofilm Growth of E.coli and P. fluorescens on different surfaces and the effect of natural products on biofilm inhibition. SARSEF Grand Award: 1st Place SARSEF Foundation Scholarship	Carolyn Zeiher Microbiology

Copper Creek Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
3-BE010 Madison Reynolds	Are You Colorblind? SARSEF Grand Award: 2nd Place Pima County Medical Foundation Excellence in Bio-Science Award Grades 3-5	Susan Latin Behavioral and Social Sciences
4-PM035 Isabella Paz	Dry Ice Bubbles SARSEF Grand Award: 2nd Place	Dana Ogden-Coons Physics, Astronomy, and Mathematics
4-CM003 Macie Prall	Where's the Meat? SARSEF Grand Award: 1st Place	Patrice Roberts Cellular and Microbiological Sciences

Coronado K-8 School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
4-AP012 Karla Martinez	The Importance of Using Earthworms in a Homemade Garden SARSEF Grand Award: 2nd Place	Dee Easterling Animal and Plant Sciences
7-CH005 Ryan Cooke	T-1 Testing SARSEF Grand Award: 1st Place	Lauren Marlatt Chemical Sciences

Harelson Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
1-EE002 Bryson Neese	Raining Acid SARSEF Grand Award: 2nd Place TEP Award of Excellence	Vickie Olson Earth and Environmental Sciences
4-BE103-C Class of 25	Feel the Pain? SARSEF Grand Award: 1st Place	Ann Caputo Behavioral and Social Sciences

Keeling Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
1-PM103-C Class of 25	The Domino Effect SARSEF Grand Award: 1st Place	Teresa (Tracy) Dobbin Physics, Astronomy, and Mathematics
2-EC103-C Class of 22	Stomp Rocket STEM SARSEF Grand Award: 1st Place	Danielle Swartz Engineering, Robotics and Computer Sciences
3-PM105-C Class of 23	Can You Hear Me Now? SARSEF Grand Award: 1st Place	Mrs. Brenda Knapp Physics, Astronomy, and Mathematics
5-AP030 Mariah Arambula Juan Ruelas	Saving Soil! SARSEF Grand Award: 1st Place	Ms. Sandy Schiffman Animal and Plant Sciences

La Cima Middle School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
6-EN018 Ralph David Benjamin Mares	Re-Railing the Future SARSEF Grand Award: 1st Place Excellence in Civil Engineering Award	Pam Vandivort Energy and Environmental Engineering
8-BE020 Stephanie Garcia	Do You See What I See? SARSEF Grand Award: 2nd Place	Pam Vandivort Behavioral and Social Sciences
8-CM007 Zachariah Hart	Put a Lid on It SARSEF Grand Award: 1st Place Youth in Science	Pam Vandivort Cellular and Microbiological Sciences
8-ER016 Gabriel Hernandez	For Lane: Combining Drone Technology with Infrared Imaging for Underwater Search and Rescue SARSEF Grand Award: 1st Place Naval Excellence in Science Research Award	Pam Vandivort Engineering, Robotics, and Computer Sciences
8-BE012 Juliana Montoya	Does FUN have an Expiration Date? SARSEF Grand Award: 1st Place	Pam Vandivort Behavioral and Social Sciences

E C Nash Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
2-AP104-C Class of 16	Mealworm Mansion SARSEF Grand Award: 2nd Place Classroom Project: Success in Science	Angela Perrin Animal and Plant Sciences
3-AP101-C Class of 21	Cancer Busters SARSEF Grand Award: 2nd Place	Monique Berry-Kelley Animal and Plant Sciences
3-EE103-C Class of 19	Clean Water SARSEF Grand Award:	Torri Bosse Earth and Environmental

	1st Place	Sciences
4-EC101-C	Bridgewalk	Shari Lossou Lossavi
Class of 27	SARSEF Grand Award:	Engineering, Robotics and
	2nd Place	Computer Sciences

Rio Vista Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
4-EC102-C	A Mission to Europa	Stephanie Delgado
Class of 10	SARSEF Grand Award:	Engineering, Robotics and
	1st Place	Computer Sciences

Walker Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
K-CM101-C	Collecting Germs	Gina Graham
Class of 23	SARSEF Grand Award: 1st Place	Cellular and
		Microbiological Sciences
K-CH103-C	Dissolving M&M Shells	Jennifer Powers
Class of 23	SARSEF Grand Award: 1st Place	Chemical Sciences
K-PM001	Where Did the Stars Go?	Jennifer Powers
Madison	SARSEF Grand Award: 1st Place	Physics, Astronomy, and
McIntyre	First Place - Dark Skies	Mathematics
	Otter Behavior	
1-AP003	SARSEF Grand Award: 2nd Place	Kirsten Antonio
Payton Walker	Patricia C. Abbey Memorial	Animal and Plant Sciences
	Award for Curiosity in Science	
	Research	
3-PM006	Chladni Figures	Rayette Jackson
Aliyah Zelaya	SARSEF Grand Award: 1st Place	Physics, Astronomy, and
	Brain STEM's Top 2	Mathematics
5-AP101-C	Do your little bit of good	Pam Juarez
Class of 18	SARSEF Grand Award: 1st Place	Animal and Plant Sciences
5-EC105-C	What's shaken' Tucson?	Kelly Smith
Class of 52	Geometrical architecture!	Engineering, Robotics and
	SARSEF Grand Award: 1st Place	Computer Sciences

5-CH077 Caleb Henderson	Wood it Swell? SARSEF Grand Award: 1st Place	Karyn Vick-Fantziskonis Chemical Sciences
5-EN021 Kylee Hernandez	Light Fight SARSEF Grand Award: 2nd Place	Mandi Cordell Energy and Environmental Engineering
5-EE014 Jessie Lewis	Pour That Honey On Me! What's up with the bees? SARSEF Grand Award: 2nd Place	Kelly Smith Earth and Environmental Sciences
5-PM020 Maya Peden	Song Wave SARSEF Grand Award: 2nd Place	Mandi Cordell Physics, Astronomy, and Mathematics
5-EC005 Rowan Wong	The WiFi Zone SARSEF Grand Award: 2nd Place	Karyn Vick - Frantziskonis Engineering, Robotics and Computer Sciences

Wilson K-8 School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
4-EN102-C Class of 54	The Power of Water SARSEF Grand Award: 1st Place Arizona Hydrological Society Award of Excellence Classroom Project: Success in Engineering	Niki Tilicki Energy and Environmental Engineering
4-EC028 Logan Melonis	Making Me Finer SARSEF Grand Award: 2nd Place Original Idea	Niki Tilicki Engineering, Robotics and Computer Sciences
4-PM017 Lucy Newell	Golf Ball Performance SARSEF Grand Award: 2nd Place	Niki Tilicki Physics, Astronomy, and Mathematics
5-AP103-C Class of 29	Cricket Colony SARSEF Grand Award: 2nd Place	Deven Busby Animal and Plant Sciences
5-BE118-C Class of 59	Brain Games SARSEF Grand Award: 2nd Place	Andrew Hurst Behavioral and Social Sciences
7-BE013 Andrew Janish	Tap Water or Bottled Water: Can you taste the difference?	Cheryl Cook Behavioral and Social

Alexander
Manning

SARSEF Grand Award: 2nd Place Sciences

Star Light, Star Bright

SARSEF Grand Award: 1st Place

7-PM011
Kelley Reuter

First Place - Dark Skies
NASA Earth System Science
Award
Naval Excellence in Science
Research Award

Cheryl Cook
Physics, Astronomy, and
Mathematics

8-EN034
Ellie Boyer
Sofia Smerz

Reef Relief

SARSEF Grand Award: 2nd Place

Cheryl Cook and Patty
Grube
Energy and Environmental
Engineering

8-PM006
Henrique
Drumond
Nikhil Reddy

Reconnaissance Rover

SARSEF Grand Award: 2nd Place

Patty Grube
Physics, Astronomy, and
Mathematics

8-CH007
Chloe Troupe
Ever Welander

How Lit is your music

SARSEF Grand Award: 2nd Place

Patty Grube
Chemical Sciences