



Discover Amphi

2018 SARSEF Winners

Canyon del Oro High School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
HS-BE003 Cameron (Cami) Fricke	The effects of natural serotonin additives on C. elegans Development and Behavior SARSEF Grand Award: 1st Place Arizona Psychological Association Behavioral Science Award	Carolyn Zeiher Behavioral and Social Sciences
HS-MI014 Madisyn McDole	Antimicrobial Activity of Essential Oils on Gram Positive and Gram Negative Bacteria SARSEF Grand Award: 3rd Place	Carolyn Zeiher Microbiology
HS-MI025 Jack Lansing Picton	Bacteriophage MS2 Transmission Across High School Classroom SARSEF Grand Award: 1st Place ISEF Finalist and UA Scholarship	Carolyn Zeiher Microbiology
HS-EN019 Travis Dobbin Jason Ronstadt	Optimization of Dye Sensitized Solar Cells using Fruit Pigments SARSEF Grand Award: 1st Place TEP Award of Excellence	Carolyn Zeiher Energy and Environmental Engineering
HS-BH027 Kailee Savage	Effects of Diet and Sleep Status on Inflammation and Iron Status in Male Sprague-Dawley Rats SARSEF Grand Award: 2nd Place	Carolyn Zeiher Biomedical and Health Sciences
HS-EM011 Aaron Trinh	Innovative Compact Water Heater Energy Innovation	Jill Christman Engineering: Electrical and Mechanical

HS-EN013 Jackson Utsch	Modeling Energy Harvesting from Photosynthesis TEP Award of Excellence	Carolyn Zeiher Energy and Environmental Engineering
HS-MI012 Abigail Wichers	Antimicrobial Activity of Desert Plant Extracts on Gram Negative and Gram Positive Bacteria Top STEM Student of Promise	Carolyn Zeiher Microbiology

Copper Creek Elementary School		
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2-AP005 Jude Nenadovich	Are Insect Defense Mechanisms More Offensive or Defensive? Wonder of Wildlife	Ms. Volk Animal and Plant Sciences
5-EN014 Colin Patrick Reynolds	Electric Energy Drinks TEP Award of Excellence	Ms. Flannery Energy and Environmental Engineering

Coronado K-8 School		
Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
4-EN103-C Class of 28	Air and Water Flow SARSEF Grand Award: 3rd Place	Dee Easterling Energy and Environmental Engineering

Winifred Harelson Elementary School

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1-CM102-C Class of 24	Clean Hands SARSEF Grand Award: 1st Place	Mrs. Klein Cellular and Microbiological Sciences
4-AP014 Josue Hernandez	Can Aquatic Fossils Survive in Tucson Tap Water SARSEF Grand Award: 3rd Place	Mrs. Sewell Animal and Plant Sciences
4-AP008 Camden Wong	Bring on the Butterflies! Peter Parker Award for Excellence in Insect Science	Ms. Linaman Animal and Plant Sciences
5-EN101-C Class of 26	The Playground vs. The Temperature SARSEF Grand Award: 3rd Place	Mrs. Wong Energy and Environmental Engineering

Holaway Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
K-EN101-C Class of 10	The Mitten Conspiracy SARSEF Grand Award: 1st Place	Patchin Energy and Environmental Engineering

Innovation Academy

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K-CM104-C Class of 23	<p style="text-align: center;">Can Microbes Look in the Mirror?</p> <p>Award for special project and presentation</p>	<p style="text-align: center;">Paula Sotelo Cellular and Microbiological Sciences</p>
K-AP105-C Class of 24	<p style="text-align: center;">What's Up Doc?</p> <p>SARSEF Grand Award: 1st Place</p>	<p style="text-align: center;">Susan Steen Animal and Plant Sciences</p>
K-EN001 Brady Berndt	<p style="text-align: center;">Sailing Stormtroopers</p> <p>SARSEF Grand Award: 1st Place</p>	<p style="text-align: center;">Sotelo Energy and Environmental Engineering</p>
K-BE001 Breckyn Koenig	<p style="text-align: center;">Inside Out</p> <p>SARSEF Grand Award: 1st Place</p>	<p style="text-align: center;">Steen Behavioral and Social Sciences</p>
1-CH108-C Class of 51	<p style="text-align: center;">Walking Water Rainbow</p> <p>SARSEF Grand Award: 3rd Place</p>	<p style="text-align: center;">Melissa Samsel Chemical Sciences</p>
1-EN101-C Class of 25	<p style="text-align: center;">Insulation Inspiration</p> <p>SARSEF Grand Award: 1st Place</p> <p>Southwest Gas Corporation / Award of Excellence</p> <p>TEP Award of Excellence</p>	<p style="text-align: center;">Michael McConnell Energy and Environmental Engineering</p>
1-EE105-C Class of 25	<p style="text-align: center;">Renewable Rain Systems</p> <p>SARSEF Grand Award: 1st Place</p> <p>Arizona Hydrological Society</p> <p>Hogan Energy Hero Awards</p>	<p style="text-align: center;">Danielle Swartz Earth and Environmental Sciences</p>
1-BE101-C Class of 25	<p style="text-align: center;">What Helps My Memory?</p> <p>SARSEF Grand Award: 2nd Place</p>	<p style="text-align: center;">Ashlee Manley Watson Behavioral and Social Sciences</p>

1-AP003 Eleanor Luecke	Which is the Best Food for Plants SARSEF Grand Award: 3rd Place	Danielle Swartz Animal and Plant Sciences
1-EN001 Matthew Miller	I Want to go Swimming in Winter SARSEF Grand Award: 2nd Place	Danielle Swartz Energy and Environmental Engineering
2-EE103-C Class of 25	Biomimicry or Not? SARSEF Grand Award: 2nd Place	Amie Frank Earth and Environmental Sciences
2-EE105-C Class of 25	Recycling is Important SARSEF Grand Award: 1st Place	Matthew Lange Earth and Environmental Sciences
2-BE002 Owen Cordell Josue Cruz	Left Putt, Left Putt, Right Putt Right SARSEF Grand Award: 3rd Place	Mabel Rivera Behavioral and Social Sciences
2-EE001 Ethne Markwardt	Plastic Problem Girl Scout STEM Excellence Award	Mabel Rivera Earth and Environmental Sciences
2-BE003 Alex Pike	Sleep and Mood Activity SARSEF Grand Award: 2nd Place	Mabel Rivera Behavioral and Social Sciences
3-AP106-C Class of 99	Go with the flow! SARSEF Grand Award: 1st Place	Amy DeSylvester Animal and Plant Sciences
3-AP104-C Class of 26	The Great Water Debate. SARSEF Grand Award: 2nd Place SARSEF's Community Challenge	Shauna Thomas Animal and Plant Sciences

3-EN002 Alexa-Rayne Carlile	Trash or Shield!? SARSEF Grand Award: 2nd Place TEP Award of Excellence	Niki Tilicki Energy and Environmental Engineering
3-AP009 Corbin Crosby Chad McGee	Javelinas are coming-Run! SARSEF Grand Award: 2nd Place Excellence in Research Related to the Sonoran Desert Tucson Wildlife Award Wonder of Wildlife	Niki Tilicki Animal and Plant Sciences
3-EN005 Leo Hamby	Solor Powered Charger SARSEF Grand Award: 3rd Place TEP Award of Excellence	Tammy Moore Energy and Environmental Engineering
3-BE001 Max Larsen	Boogie to the Beat SARSEF Grand Award: 1st Place	Shauna Thomas Behavioral and Social Sciences
3-AP003 Gabriel Vaughn	Desert Water Tucson Cactus and Succulent Society	Shauna Thomas Animal and Plant Sciences
4-EE101-C Class of 25	Remediating Erosion Scorpion Style Classroom Project: Success in Science	Mandi Cordell Earth and Environmental Sciences
4-EC102-C Class of 25	Sitting Smart SARSEF Grand Award: 1st Place Classroom Project: Success in Engineering	Niki Tilicki Engineering, Robotics and Computer Sciences
4-EC010 Esme Curran	Pump it up SARSEF Grand Award: 3rd Place	Niki Tilicki Engineering, Robotics and Computer Sciences

4-BE002 Haley Deeb	Sleep And Exercise, Effect on Absence Seizures. SARSEF Grand Award: 2nd Place Girl Scout STEM Excellence Award	Niki Tilicki Behavioral and Social Sciences
4-EE024 Jacob Hernandez	Ruined Ruins SARSEF Grand Award: 2nd Place	Mandi Cordell Earth and Environmental Sciences
5-AP102-C Class of 29	Suburban Effects on Native AZ Pollinators SARSEF Grand Award: 1st Place Tucson Cactus and Succulent Society	Kelly Smith Animal and Plant Sciences
5-AP011 Olivia Beazer Margot Blodgett	Cacti & Climate Change Excellence in Research Related to the Sonoran Desert Sonoran Desert Explorer	Kelly Smith Animal and Plant Sciences
5-AP008 Caysea Cordell	The Last Turtle Basking SARSEF Grand Award: 3rd Place Wonder of Wildlife	Kelly Smith Animal and Plant Sciences
5-PM034 Benjamin Funk Timothy Glud	To the Stars and Beyond! SARSEF Grand Award: 3rd Place The Live Theatre Workshop Creativity Award	Kelly Smith Physics, Astronomy, and Mathematics
5-AP010 Josiah Nicholson	Bat Box Project RISING STALAGMITE AWARD Wonder of Wildlife	Kelly Smith Animal and Plant Sciences
5-AP028 Sandra Richter	The Girl and the Trees SARSEF Grand Award: 3rd Place	Kelly Smith Animal and Plant Sciences

Helen Keeling Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
1-CH111-C Class of 25	Do I Really Have to Brush My Teeth? SARSEF Grand Award: 1st Place	Melissa Hatt Chemical Sciences
2-BE105-C Class of 21	Feel the Beat SARSEF Grand Award: 3rd Place Brain STEM's Top 2	Nancy Jimmerson Behavioral and Social Sciences
4-CH017 Tuelisa Hinojosa Oscar Murillo Makeda Perez	Measuring Magnetic Force SARSEF Grand Award: 3rd Place	Megan Gardner Chemical Sciences
5-EE008 Asusena Flores Navaehlee Maddox	Gravity of Growth SARSEF Grand Award: 2nd Place	Megan Franklin Earth and Environmental Sciences

Mesa Verde Elementary School

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3-CM101-C Class of 13	What Is The Best Way To Remove Bacteria? SARSEF Grand Award: 1st Place	Mrs. Habinek Cellular and Microbiological Sciences

E C Nash Elementary School

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K-EC103-C Class of 15	Catapult SARSEF Grand Award: 1st Place	Mrs. Cote Engineering, Robotics and Computer Sciences
K-CH101-C Class of 12	The Day the Crayons Melted SARSEF Grand Award: 1st Place	Mrs. Bosse Chemical Sciences
K-PM102-C Class of 15	Which Colors Attract the Most Heat? SARSEF Grand Award: 2nd Place	Mrs. Mendez Physics, Astronomy, and Mathematics
K-CM103-C Class of 13	Appetizing Apples SARSEF Grand Award: 2nd Place	Mrs. Lemieux Cellular and Microbiological Sciences
1-CH106-C Class of 13	How To Grow The Biggest Crystals Using Household Materials SARSEF Grand Award: 2nd Place	Ms. Martin Chemical Sciences
1-EE102-C Class of 13	What's Up With The Air In Here? SARSEF Grand Award: 2nd Place	Mrs. Luciano Earth and Environmental Sciences
2-CM102-C Class of 20	Which Surface Has The Most Germs? SARSEF Grand Award: 3rd Place	Ms. Stender Cellular and Microbiological Sciences
2-EN101-C Class of 21	Batteries That Make Cents SARSEF Grand Award: 2nd Place	Ms. Purcell Energy and Environmental Engineering

2-EC102-C Class of 21	Ship A Chip SARSEF Grand Award: 3rd Place	Mrs. Derksen Engineering, Robotics and Computer Sciences
4-EC103-C Class of 24	New Dawn SARSEF Grand Award: 3rd Place	Mrs. Lossou-Lossavi Engineering, Robotics and Computer Sciences
5-EC101-C Class of 26	A Helping Hand SARSEF Grand Award: 1st Place	Ms. Taylor-Stevens Engineering, Robotics and Computer Sciences
5-AP101-C Class of 25	Hydroponics vs Traditional Soil Planting SARSEF Grand Award: 3rd Place	Ms. Valenzuela Animal and Plant Sciences
5-CH101-C Class of 12	Perfect Popcorn SARSEF Grand Award: 1st Place	Mrs. Sanzo Chemical Sciences

Painted Sky Elementary School		
Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
3-CH035 Caitlyn Carr	Hang on a Minute - We Have a Sticky Situation SARSEF Grand Award: 3rd Place	Helen Haloftis Chemical Sciences
5-PM044 Chandler Carr	Weight a Second- Determining the Effects of Weight Placement on the Speed of a Pinewood Derby Car SARSEF Grand Award: 2nd Place	Linsay Hernon Physics, Astronomy, and Mathematics

Lulu Walker Elementary School

Grade-Locator / Student(s)	Project / All Awards	Teacher / Category
K-CM105-C Class of 25	<p style="text-align: center;">Our Messy Rug SARSEF Grand Award: 3rd Place SARSEF's Community Challenge</p>	Jennifer Powers Cellular and Microbiological Sciences
K-CM101-C Class of 24	<p style="text-align: center;">Here Gergy Gergy Gergy SARSEF Grand Award: 1st Place</p>	Gina Graham Cellular and Microbiological Sciences
K-CH003 Aston Kruger	<p style="text-align: center;">Exploding Liquids Children's Museum Creativity Award</p>	Jennifer Powers Chemical Sciences
1-AP104-C Class of 24	<p style="text-align: center;">The Battle Between Hot Lunch and Cold Lunch SARSEF Grand Award: 1st Place</p>	Alyshah Kanji Animal and Plant Sciences
1-CH008 Dominic Ramirez	<p style="text-align: center;">Oh No Germs... SARSEF Grand Award: 3rd Place</p>	Kayla Holder Chemical Sciences
2-CH104-C Class of 25	<p style="text-align: center;">Save the Icebergs SARSEF Grand Award: 1st Place</p>	Lori Larussa Chemical Sciences
2-EE003 Ariel E. Seastrand	<p style="text-align: center;">The Greenhouse Effect SARSEF Grand Award: 3rd Place</p>	Monica Bermudez Earth and Environmental Sciences
3-BE102-C Class of 25	<p style="text-align: center;">Squish, Spin, Kick, Focus SARSEF Grand Award: 2nd Place</p>	Ellen Gauthier Behavioral and Social Sciences
3-PM010 Ezekiel Cruz	<p style="text-align: center;">Extreme Jumping SARSEF Grand Award: 2nd Place</p>	Rayette Jackson Physics, Astronomy, and Mathematics

4-BE104-C Class of 24	Playground Rulez SARSEF Grand Award: 2nd Place	Amy Martinez Behavioral and Social Sciences
4-AP104-C Class of 24	Gum Vs. No Gum SARSEF Grand Award: 3rd Place	Miranda McCluskey Animal and Plant Sciences
4-BE011 Jadyn Vanessa Kraus	Are They Kind? Science of Kindness Award	Karen Vick-Frantziskonis Behavioral and Social Sciences
5-AP103-C Class of 28	Push-Up Challenge SARSEF Grand Award: 2nd Place	Monique Berry-Kelley Animal and Plant Sciences
5-EN008 Analisa Avila Zoe Guymon James Wirth	Hovering Towards a Greener US Navy SARSEF Grand Award: 1st Place	Rob Wolf Energy and Environmental Engineering

Richard B. Wilson School		
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4-EE105-C Class of 52	Food for Thought SARSEF Grand Award: 3rd Place	Jocelyn Smerz and Natash Banales Earth and Environmental Sciences
4-CH101-C Class of 10	Marvelous Magnets SARSEF Grand Award: 2nd Place	Rebecca Scolman Chemical Sciences
4-EN105-C Class of 5	Light It Up! SARSEF Grand Award: 1st Place	Rebecca Scolman Energy and Environmental Engineering

4-CM006 Gabriella McCain	What's That Smell Taste Like? SARSEF Grand Award: 1st Place	Brynne Erickson Cellular and Microbiological Sciences
5-EE102-C Class of 55	Saving the Planet, One Marker at a Time! SARSEF Grand Award: 1st Place ASQ Tucson Section Class Recognition	Devon Busby Earth and Environmental Sciences
6-ER018 Makena L. Dundon	Soothing Sleeve SARSEF Grand Award: 3rd Place SAPA 3rd Place	Mr. Sutton Engineering, Robotics, and Computer Sciences
6-BE013 Oliver Vincent Prosen	Eyes for Detail SARSEF Grand Award: 3rd Place	Ms. Finch Behavioral and Social Sciences
6-CM002 Owen Utley	Get With The Beat SARSEF Grand Award: 2nd Place	Ms. Finch Cellular and Microbiological Sciences
7-PM030 Aiden Brown	Will it Blend? SARSEF Grand Award: 3rd Place	Cook Physics, Astronomy, and Mathematics
8-PM001 Benjamin John Carroll Kelley Reuter	Can you see the Stars? SARSEF Grand Award: 2nd Place First Place - Dark Skies NASA Earth System Science Award	Ms. Grube Physics, Astronomy, and Mathematics
8-BE027 Isabel Finley	Alzheimer's Disease and You SARSEF Grand Award: 2nd Place Professor X Award for Behavioral and Social Science	Patty Grube Behavioral and Social Sciences

<p>8-EE031 Andrew K Janisch</p>	<p>Finding Solutions for Water Bottle Pollution SARSEF Grand Award: 3rd Place</p>	<p>Ms. Hurguy Earth and Environmental Sciences</p>
<p>8-BE009 Logan Beach Caiden Delp Aiden James McCoy</p>	<p>How Distracted Are You? SARSEF Grand Award: 2nd Place</p>	<p>Ms. Grube Behavioral and Social Sciences</p>