

**Winners of the Middle School Science & Engineering Fair: December 6 - 7, 2019**

<b>School</b>	<b>Category</b>	<b>Student's Name</b>	<b>Project Title</b>	<b>Rank</b>
Manzano	Animal Science	Regina Hernandez & Isabela Reyes	Dangerous waters	1
Manzano	Animal Science	Pablo Recio	Acheta Home Sweet Home	2
Manzano	Animal Science	Gabriela Gonzalez	Daphnia in Danger! The Effects of Pollution on Aquatic Life	3
Oliveira	Animal Science	Jason Cerniglia	No Flies Zone	4
Stillman	Animal Science	Alberto Vasquez	Gone Fishing	5
<b>School</b>	<b>Category</b>	<b>Student's Name</b>	<b>Project Title</b>	<b>Rank</b>
Stillman	Behavioral/Social Sciences	Renata Cano	What A Cute Baby? She Looks Like?	1
Vela	Behavioral/Social Sciences	Javier Mendez	The Speed of Right: Does Law Enforcement Follow the Speed Limit?	2
Stillman	Behavioral/Social Sciences	Giselle Garcia	What A Dream	3
Stell	Behavioral/Social Sciences	Danielle Barber	"The Scoop on Stroop"	4
Stillman	Behavioral/Social Sciences	Mariana Lopez	They Are Not Sticking	5

School	Category	Student's Name	Project Title	Rank
Stillman	Biochemistry	Alice Taratt	Acid Adversity	1
Manzano	Biochemistry	Sofia Cornejo	Under Pressure	2
Lucio	Biochemistry	Mavis Camarillo	Death of an Orange	3
Stillman	Biochemistry	Ricardo Cantu	Vitamin Dissolution	4
Faulk	Biochemistry	Sophia Jaramillo	Sugar Intake	5
School	Category	Student's Name	Project Title	Rank
Manzano	Biomedical & Health Sciences	Gabriel Garza	Medication absorption	1
Oliveira	Biomedical & Health Sciences	Max Ojeda	Staining teeth	2
Manzano	Biomedical & Health Sciences	Carlos Garza Jr & Sebastian Morrison	The Effects of WIFI on Cellular Regeneration	3
Lucio	Biomedical & Health Sciences	Anahi Rangel	Is it Really?	4
Manzano	Biomedical & Health Sciences	Karina Rios	Fly nutrients	5

School	Category	Student's Name	Project Title	Rank
Faulk	Biomedical Engineering	Samantha Almaraz & Michelle Gonzalez	Super Suture	1
Stillman	Biomedical Engineering	Paola Gallegos	Who Wore It Best?	2
Vela	Biomedical Engineering	Jesus Miranda	Think Before You Drink	3
Vela	Biomedical Engineering	Estrella Lucio	What Liquids Stain Your Teeth the Most?	4
Faulk	Biomedical Engineering	Francisco Garcia	Organic vs. Non-Organic DNA	5
School	Category	Student's Name	Project Title	Rank
Manzano	Cellular/Molecular Biology	Joaquin Pena & Valeria Pena	Cancer Causing Compounds: The Effects of Parabens on Planarians	1
Faulk	Cellular/Molecular Biology	Melissa Nunez	The Brain Goes on the Blink	2
Stillman	Cellular/Molecular Biology	Shanty Rivas	Peak Power	3
Faulk	Cellular/ Molecular Biology	Hipolito Olvera	Turns out I'm 100% grape!!	4
Faulk	Cellular/Molecular Biology	Susan Perez	Why do fruits turn brown?	5

School	Category	Student's Name	Project Title	Rank
Stillman	Chemistry	Vianney Aragus	Berry Fresh	1
Faulk	Chemistry	Sigifredo Saucedo	Saving Your Home From Fire	2
Oliveira	Chemistry	Gianna Cantu & Yazel Valdez	Heartburn Fix	3
Manzano	Chemistry	Natalia Antinori	What's in your water?	4
Oliveira	Chemistry	Andrew McBee & Gabriel Pantoja	Burn, Burn, Burn!	5
School	Category	Student's Name	Project Title	Rank
Faulk	Computational Bio/Bioinformatics	Natasha Alday	Do musical peers get better grades on math than their non-musical peers?	1
Faulk	Computational Bio/Bioinformatics	Mia Jasmine Rodriguez	Do red cars get stopped more often than cars of other colors?	2
Stell	Computational Bio/Bioinformatics	Nikolas Silva	Does El Nino Season Affect the Way Hurricanes Intensify	3
Stell	Computational Bio/Bioinformatics	Lixia Muro	The Amazon Rainforest	4

School	Category	Student's Name	Project Title	Rank
Garcia	Earth & Environmental Science	Eduardo Casas	Tsunamis On The Move	1
Faulk	Earth & Environmental Science	Krystal Paredes	Purifying Dirty Water	2
Vela	Earth & Environmental Science	Diego Haylock	SEED GERMINATION AND TEMPERATURE	3
Besteiro	Earth & Environmental Science	Litsy Silguero & Elizabeth Torres	Reflecting on Earth's Albedo	4
Manzano	Earth & Environmental Science	Aryam Hernandez Garza	Toxic Water	5
School	Category	Student's Name	Project Title	Rank
Stillman	Embedded Systems	Natalia Rodriguez	Radiation is in the Palm of Your Hands	1
Stillman	Embedded Systems	Hazel Trevino	How Low Will It Go?	2
Vela	Embedded Systems	Paola Avendano	Radiation Affect	3
Vela	Embedded Systems	Hailey Fajardo	Does the cost of headphones affect sound quality?	4
Vela	Embedded Systems	Noah James Lopes	Radioactive Plants	5

School	Category	Student's Name	Project Title	Rank
Manzano	Energy: Chemical	Enrique Santoscoy	Don't touch this	1
LUCIO	Energy: Chemical	Dyani Martinez	LuminGlow	2
Manzano	Energy: Chemical	Pamela Flores & Katie Longoria	Respiration Radiation: The Impact on Insects	3
Oliveira	Energy: Chemical	Dacari Mazone	The Poopening	4
Stillman	Energy: Chemical	Camilla Marroquin	Conductivity: Dropping Volts	5
School	Category	Student's Name	Project Title	Rank
Vela	Energy: Physical	James Martinez	How Well Does Static Electricity Pass Through Different Materials?	1
Faulk	Energy: Physical	Stephanie Rocha	Measuring Static Electricity	2
Vela	Energy: Physical	Jesus Leal	Effect on a basketball's temperature	3
Faulk	Energy: Physical	Angel Cervantes	Air Powered Car	4
Stell	Energy: Physical	Jacob Tovar	Renewable Energy	5

School	Category	Student's Name	Project Title	Rank
Oliveira	Engineering Mechanics	Maya Noriega	Lights Out	1
Stillman	Engineering Mechanics	Alan Garcia	Natural Designs	2
Manzano	Engineering Mechanics	Fernando Constantino	Richter Scale Collapse	3
Faulk	Engineering Mechanics	Jose Gracia	The Burden Bridges Bear	4
Stillman	Engineering Mechanics	Jacob Masten	Ice, Ice, Maybe?	5
School	Category	Student's Name	Project Title	Rank
Stillman	Environmental Engineering	Alondra Calzada	Heat Relief Now! Get Rid of Black Asphalt	1
Garcia	Environmental Engineering	Eduardo Reyna	Nuclear Reaction vs. Natural Resources	2
Manzano	Environmental Engineering	Hortencia Castellanos & Mia Flores	Light it up	3
Lucio	Environmental Engineering	Adanehi Solis	BioFilter	4
Faulk	Environmental Engineering	Marbella Rivera	The Magical Corn Purifier	5

--	--	--	--	--

School	Category	Student's Name	Project Title	Rank
Stillman	Materials Science	Brandon Harwood	Don't Lose Your Cool	1
Vela	Materials Science	Ethan Fernandez	Which plastic wrap prevents evaporation the most?	2
Besteiro	Materials Science	Aleida Montelongo	Spectra Heat	3
Stell	Materials Science	David Ayala & Mario Castillo	Goo - B - Gone	4
Vela	Materials Science	Grecia Hernandez	STOP THE FLOOD.	5
School	Category	Student's Name	Project Title	Rank
Vela	Mathematics	Kayden Rookstool	Population Estimation	1
Faulk	Mathematics	Dominic Solis	Landmarks vs Earthquakes	2
Stillman	Mathematics	Todd Clayton	Roll With It	3
Besteiro	Mathematics	Kevin Martinez	Electric Car Speed	4
Garcia	Mathematics	Elaine Garces & Sofia Perez	Beauty and the Golden Ratio	5

--	--	--	--	--



School	Category	Student's Name	Project Title	Rank
Faulk	Microbiology	Damaris Barrera	The Effectiveness of Antimicrobial on Inhibition Zones	1
Oliveira	Microbiology	Christian Lopez	Strawberry Wars, May The DNA Be With You	2
Faulk	Microbiology	Anel Barrera	Exploring the Effect of Natural Oils for Exterminating Bacteria	3
Manzano	Microbiology	Fabiola Martinez	Plentiful Planaria: The Effects on the Regeneration Process	4
Stillman	Microbiology	Rebecca Vera	Germs, Germs, Oh My!	5
School	Category	Student's Name	Project Title	Rank
Stell	Physics/ Astronomy	Gregory Lavios	Farming on the Red Planet	1
Stillman	Physics/ Astronomy	Eric Ruiz	Get Air	2
Lucio	Physics/ Astronomy	Oswaldo Ayala	Start Your Engines	3
Stillman	Physics/ Astronomy	Samuel Salinas	To Hot to Handle or Too Cold To Hold	4
Vela	Physics/ Astronomy	Gabriel Guajardo	Which kind of paper is strongest for a model bridge?	5

School	Category	Student's Name	Project Title	Rank
Manzano	Plant Sciences	Mia Gonzalez & Briana Gutierrez	Elodea Make Me Breathe! The Effects of Pollution on Aquatic Life	1
Faulk	Plant Sciences	Valeria Solis	Organic vs. Chemical	2
Stillman	Plant Sciences	Galilea Garcia & Leticia Garcia	Carrot Tops	3
Stell	Plant Sciences	Miranda Barber	Are Fruits Magnetic	4
Vela	Plant Sciences	Arianna Lopez	Washing Plants?	5
School	Category	Student's Name	Project Title	Rank
Oliveira	Robotics/Intelligent Machines	Senseny Samaniego	My Robotic Hand	1
Manzano	Robotics/Intelligent Machines	Joel Alejandro & Adrian Garcia	Shooting for the Future-Robot vs. Human	2
Vela	Robotics/Intelligent Machines	Cristian Flores	RC to the Rescue	3
Besteiro	Robotics/Intelligent Machines	Luis Nava	Nine Point Eight	4
Besteiro	Robotics/Intelligent Machines	Ayleen Flores & Hailey Mascorro	Rotating Robots	5

School	Category	Student's Name	Project Title	Rank
Stillman	Systems Software	Gael Alaniz	Where's The WiFi	1
Vela	Systems Software	Alejandro Flores	Got Wi-Fi?	2
Faulk	Systems Software	Fabian Ramirez	Is It A Fake?	3
Stillman	Systems Software	Liv Ortiz	Unshielded Electrical Equipment and Static Electricity	4
Perkins	Systems Software	Damian Hernandez	Making a game with code	5
School	Category	Student's Name	Project Title	Rank
Faulk	Translational Medical Science	Perla Cantu	The Effects of Natural Teas	1
Manzano	Translational Medical Science	Eric Salazar & Emma Trevino	Eat the Produce, Not the Pesticide!	2
Faulk	Translational Medical Science	Frances Garcia	Beware of Cold Water!	3
Stillman	Translational Medical Science	Israel Cano IV	Caution: Is Garlic a Killer Disinfectant?	4
Lucio	Translational Medical Science	Leslie Alcaraz	Sweet Tooth	5