

## Animal Sciences (AS)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-AS-08	La Joya: J.D.Salinas	COCO's PREFERENCE	Ruby Diaz	Helen Grace Alejandro
<b>4th</b>	J-AS-09	Weslaco: Cuellar	Do Red Ants Prefer Salty, Sour or Sweet Food?	Samantha Hernandez	Mary Yanez
<b>3rd</b>	J-AS-10	Brownsville: Stell	Dino Bite	Stephen Mccleary	Dianne Mccleary
<b>2nd</b>	J-AS-05	Brownsville: Cummings	Inect Tanning Salon	Jasmine Hernandez	Gregory Freitag
<b>1st</b>	J-AS-07	Weslaco: Central	The Infectivity of Entopanogenic Nematodes against the Athenia Tumida	Jose Trevino	Shirley Lebron

## Behavioral and Social Sciences (BE)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-BE-08	Brownsville: Lucio	That's a Real Smile, or Is It?	Jose Chavez	Jesus Garza
<b>4th</b>	J-BE-01	Weslaco: Mary Hoge	Pinnchio' Arm: a lie detector test	Alejandro Villanueva	Jessica Medellin
<b>3rd</b>	J-BE-06	La Joya: Chavez	React Fast	Darren Garcia	Yolanda Partida
<b>2nd</b>	J-BE-16	Weslaco: Central	Moving You	Alex Gonzalez	David Medina
<b>1st</b>	J-BE-04	La Joya: J.D.Salinas	PHOTOGRAPHIC MEMORY AND BRAIN DOMINANCE	Carlos Rodriguez	Helen Grace Alejandro

## Biochemistry (BI)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-BI-03	Brownsville: Cummings	Electrolyte Challenge	Carlos Amador	Mina Frnandez
<b>4th</b>	J-BI-06	Brownsville: Cummings	Apple Browning	Neftali Pliego	Mina Fernandez
<b>3rd</b>	J-BI-12	Brownsville: Faulk	GLOWOLOGY	Ysael Reynaga	Norma Harfeny
<b>2nd</b>	J-BI-08	Weslaco: B. Garza	The Effects of OTC Medication on the Survival Rate of Daphnia	Paula Avila	Julio Trevino
<b>1st</b>	J-BI-10	Weslaco: Mary Hoge	Fruity Pigments	Sharon Everitt	Jessica Medellin

## Cellular and Molecular Biology (CB)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-CB-05	Edinburg: Memorial	Osmosis/Diffusion	Michael Acosta	Jennifer Valdez
<b>4th</b>	J-CB-04	Brownsville: Besteiro	Changing Eggs	Karla Garcia	Aracelie Gutierrez
<b>3rd</b>	J-CB-02	La Joya: J.D.Salinas	PEDIGREE OF TRAITS ANALYSIS	Anai Millan	Helen Grace Alejandro
<b>2nd</b>	J-CB-03	Brownsville: Cummings	UV Radiation's Detrimental Effect on Cellular Respiration	April Miranda	Gregory Freitag
<b>1st</b>	J-CB-01	Brownsville: Lucio	The Break Up	Alberto Matamoros	Jacquelyn Salazar

## Chemistry (CH)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-CH-05	Donna: D.M. Saucedo MS	The Penny Cleaner	Gilberto Saenz	Aaron Sanchez
<b>4th</b>	J-CH-17	Brownsville: Stillman	Cleaner Pennies for Cleaner Hair	Rodney Morales	Helen Chavez
<b>3rd</b>	J-CH-16	La Joya: Memorial	Up, Up, and Away!	Ramon Navarro	Brenda Trevino
<b>2nd</b>	J-CH-10	Brownsville: Stillman	On Your Mark Get Set Glow	Keila Trevino	Ernest Cisneros
<b>1st</b>	J-CH-19	Weslaco: B. Garza	Losing Mass with Sulfuric Acid	Zachary Budimir	Nancy Nieschwietz

## Computer Science (CS)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-CS-07	La Joya: J.D.Salinas	CRAZY FOR RUNESCAPE	Marco Zenteno	Helen Grace Alejandro
<b>4th</b>	J-CS-01	Brownsville: Lucio	Save As	Aaron Salazar	Jacquelyn Salazar
<b>3rd</b>	J-CS-05	Brownsville: Cummings	Follow the Bouncing Ball	Jesus Loera	Mina Fernandez
<b>2nd</b>	J-CS-08	Brownsville: Lucio	Who's Space	Mathew Cohen	Jacquelyn Salazar
<b>1st</b>	J-CS-06	Weslaco: Mary Hoge	Biometric System Test	Jonathan Perez	Melissa Alejandro

## Earth and Planetary Science (EA)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-EA-07	La Joya: Chavez	Eating Metal For Breakfast	Kayla Villarreal	Yolanda Partida
<b>4th</b>	J-EA-03	Brownsville: Besteiro	Particles in the Air	Celeste Diaz	Seth Hawkins
<b>3rd</b>	J-EA-09	Brownsville: Stillman	Breaking Down	Marla Zarate	Norma Cavazos
<b>2nd</b>	J-EA-13	Brownsville: Cummings	Esta Salado!	Salvador Pina	Mina Fernandez
<b>1st</b>	J-EA-06	Weslaco: Cuellar	Moon Colors	Giselle Rodriguez	Mary Yanez

## Engineering: Electrical and Mechanical (EE)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-EE-07	Brownsville: Stell	To Infinity and Beyond	Luis Gonzalez	Hector Villarreal
<b>4th</b>	J-EE-09	Weslaco: Mary Hoge	Generating Electricity	Maximiliano Rodriguez	Samuel Yanos
<b>3rd</b>	J-EE-01	School of Science and Technology Corpus Christi	Shaking up some energy	Cody Mora	Ihsan Kara
<b>2nd</b>	J-EE-04	Harmony Science Academy: Brownsville	Veggie Power	Jaya Khetarpal	Ilker Yilmaz
<b>1st</b>	J-EE-08	Weslaco: Mary Hoge	The Efficiency of a Homemade Spectrophotometer using Bromelain	Marissa Gorena	Rebecca Escanuela

## Environmental Management (EM)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-EM-08	Harmony Science Academy: Laredo	phytoremediation	Ivan Mota	Abdullah Zorba
<b>4th</b>	J-EM-11	Brownsville: Lucio	Energy Crisis	Juan Alaniz	Obed Leal
<b>3rd</b>	J-EM-10	La Joya: Javier Saenz	Recycling Starts With You	Josue Puente	Imelda Dumalaog
<b>2nd</b>	J-EM-06	Brownsville: Cummings	Are your fluids percolating and polluting?	Gina Rangel	Gregory Freitag
<b>1st</b>	J-EM-12	Weslaco: B. Garza	The Arroyo Colorado: An Impaired Water Body	Ruben Saldana	Juan Cadena

## Engineering: Materials and Bioengineering (EN)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-EN-02	Brownsville: Cummings	Minimizing Earthquake Liquefaction	Arturo Mendoza	Juliane Garza
<b>4th</b>	J-EN-14	Brownsville: Stell	How Fresh is It?	Venus Frias	Marie Schumacher
<b>3rd</b>	J-EN-10	Brownsville: Garcia	Peanut Power	Rolando Trevino	Theresa De La Garza
<b>2nd</b>	J-EN-04	Weslaco: B. Garza	Can Bridges Be Truss Worthy	Jaden Garcia	Amanda Cadena
<b>1st</b>	J-EN-16	La Joya: De Zavala	Rifles vs. Shotguns	Abiel Elizando	Nate Parker

## Energy and Transportation (ET)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-ET-19	Harmony Science Academy: Laredo	Citrus Power	Nikolay Nedev	Abdullah Zorba
<b>4th</b>	J-ET-09	La Joya: Javier Saenz	FROM TRASH TO GAS	Daira Felix	Imelda Dumalaog
<b>3rd</b>	J-ET-14	Brownsville: Perkins	Don't Hate...Generate!	Jonathan Zaldivar	Obed Gallegos
<b>2nd</b>	J-ET-18	Weslaco: B. Garza	Fashionably Warm 2: Keeping It Warmer	Maria Lopez	Juan Cadena
<b>1st</b>	J-ET-16	Brownsville: Cummings	Wings of Least Resistance	Luis Melendez	Patrica Salinas

## Environmental Sciences (EV)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-EV-07	Weslaco: B. Garza	hard water vs.soft water	Eric Gonzalez	Lucinda Jaramillo
<b>4th</b>	J-EV-12	Brownsville: Stillman	Catch Me if You Can	Kathryn Stone	Omar Garcia
<b>3rd</b>	J-EV-18	School of Science and Technology Corpus Christi	At home oil recycling	Justin Woods	Ihsan Kara
<b>2nd</b>	J-EV-16	Harmony Science Academy: Brownsville	Is Our Water Poisonous?	Sonia Trakru	Ilker Yilmaz
<b>1st</b>	J-EV-15	Brownsville: Faulk	Going Greener	Samuel Garza	Ruben Marquez

## Mathematical Sciences (MA)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-MA-09	La Joya: Chavez	The Most Effective Rubik's Cube Strategy	Juan Castillo	Amy Esquivel
<b>4th</b>	J-MA-17	Brownsville: Stillman	Mathematical Beauty	William Abete	Raquel Cornejo
<b>3rd</b>	J-MA-10	Harmony Science Academy: Brownsville	Smart Money	Kirstie Labajo	Ilker Yilmaz
<b>2nd</b>	J-MA-07	Brownsville: Besteiro	Live and Learn	Esteban Sosa	Gary Tashima
<b>1st</b>	J-MA-06	Brownsville: Lucio	Bell Curve Fact or Fiction	Eduardo Sanchez	Obed Leal

## Medicine and Health Sciences (ME)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-ME-20	La Joya: J.D.Salinas	Bone Decalcification	Veronica Flores	Helen Grace Alejandro
<b>4th</b>	J-ME-10	La Joya: J.D.Salinas	Quick Acne Fix	Katia Gonzalez	Constance Salinas
<b>3rd</b>	J-ME-13	Brownsville: Stillman	Crazy Spiders	Mitchell Marquez	Raquel Cornejo
<b>2nd</b>	J-ME-02	Harmony Science Academy: Laredo	Oxygen Intake in Sprint Swimming	Ayeesha Mohammed	Abdullah Zorba
<b>1st</b>	J-ME-03	Weslaco: Central	Lots of 'lytes	Brandon Lowe	Feliberto De Anda

## Microbiology (MI)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-MI-02	Donna Veterans MS	EW! Is That Moldy Cheese?	Andrea Alfarslefen	Cecilia Dunn
<b>4th</b>	J-MI-08	Brownsville: Besteiro	Does Disinfectant Work	Karla Barrientos	Samuel Martinez
<b>3rd</b>	J-MI-12	Donna: D.M. Saucedo MS	BLACK GROWTH	Yair Salaya	Cynthia Gonzales
<b>2nd</b>	J-MI-03	Port Isabel Junior High	kills 99.9% bacteria	Benjamin Allgood	Ramon Garcia
<b>1st</b>	J-MI-13	School of Science and Technology Corpus Christi	What fruits can ruin your dessert?	Yoseph Mahmoud	Ihsan Kara

Rio Grande Valley Regional Science and Engineering Fair 2010  
Middle School Winners

## Physics and Astronomy (PH)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-PH-09	Brownsville: Stillman	Gravitational Pull	Edgar Marroquin	Omar Garcia
<b>4th</b>	J-PH-14	Brownsville: Lucio	In the Shade: Polarized Lenses	Jose Navarro	Jose Pardo
<b>3rd</b>	J-PH-18	Weslaco: B. Garza	can a fired bullet be matched back to its gun	Pascual Dominguez	Juan Cadena
<b>2nd</b>	J-PH-10	Harmony Science Academy: Brownsville	POWER IN MOTION	Ellis Chonka	Ilker Yilmaz
<b>1st</b>	J-PH-04	McAllen: Lincoln MS	At Which Speed Will a Plane Experience More Turbulence	Andrea Avendano	Priscilla Salinas

## Plant Sciences (PS)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-PS-07	Brownsville: Stell	Recycling Greywater	Crystal Lira	Ida Montemayor
<b>4th</b>	J-PS-15	Brownsville: Vela	Black Rainbow	Lia Schexnayder	Giselle Rivera
<b>3rd</b>	J-PS-08	Weslaco: Mary Hoge	Playing with Pigments II	Victoria Saenz	Samuel Yanos
<b>2nd</b>	J-PS-12	La Joya: J.D.Salinas	Growing Crazy	Jose Magdaleno	Constance Salinas
<b>1st</b>	J-PS-09	Weslaco: Central	How does carbon dioxide affect plant growth?	David Mahoney	Heriberto Gomez

**Rio Grande Valley Regional Science and Engineering Fair 2010**  
Middle School Winners

## Team Biological (TB)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-TB-11	Weslaco: B. Garza	The effects of Carbon Dioxide on Seed Germination	Lorena Trevino & Amayka Chapa	Michael Vasquez
<b>4th</b>	J-TB-07	Brownsville: Lucio	Learning Style Preferences	Steve Stephens & Juan Salazar	Yessica Garcia
<b>3rd</b>	J-TB-04	Port Isabel Junior High	What's The Difference	Kelani White & Daniella Murchison	Joanna Wolfe
<b>2nd</b>	J-TB-08	Weslaco: Central	Killer Trucks	Katlyn Kuruda & Jacqueline Cantu	Daniel Garza
<b>1st</b>	J-TB-10	Port Isabel Junior High	Dirty Dollars	Kelcie Swink & Mireya Almaraz	Joanna Wolfe

## Team Physical (TP)

Rank	Project #	School	Project Title	Student's Name	Teacher
<b>5th</b>	J-TP-06	La Joya: Memorial	Temperature Prices	Ashley Escalante & Arlette Calderon & Nataly Garza	Brenda Trevino
<b>4th</b>	J-TP-09	Weslaco: B. Garza	Pop Goes the Rocket	Briana Zavala & Karina Badillo	Lucinda Jaramillo
<b>3rd</b>	J-TP-19	Progreso: Dorothy Thompson MS	Down to the Elements	Lesly Ramirez & Kassandra Cazares & Daniela Guzman	Samantha Dominguez
<b>2nd</b>	J-TP-02	Brownsville: Lucio	Heating up the Pitch	Alejandro Mares & Miguel Cisneros	Anitra Zamora
<b>1st</b>	J-TP-21	Brownsville: Vela	Beach Erosion "Last Lines of Defense"	Richard Tarpey & Richard Schwartz	Gilberto Martinez

## First Runner Up Individual

Rank	Project #	School	Project Title	Student's Name	Teacher
1st Runner Up	J-MI-13	School of Science and Technology Corpus Christi	What fruits can ruin your dessert?	Yoseph Mahmoud	Ihsan Kara

## Grand Champion Individual

Rank	Project #	School	Project Title	Student's Name	Teacher
Grand Champion	J-BI-10	Weslaco: Mary Hoge	Fruity Pigments	Sharon Everitt	Jessica Medellin

## Grand Champion Team

Rank	Project #	School	Project Title	Student's Name	Teacher
Grand Champion Teams	J-TP-21	Brownsville: Vela	Beach Erosion "Last Lines of Defense"	Richard Tarpey & Richard Schwartz	Gilberto Martinez