

Rio Grande Valley Regional Science and Engineering Fair 2011
Junior High School Winners

Animal Sciences (AS)

Rank	Project #	School	Project Title	Student's Name
5th	AS-05	Central MS	Madagascar Field	Vasquez David
4th	AS-04	Oliveira	Caffine Now in their Appetite Worms No More In Site	Pittman Celiley
3rd	AS-20	JD Salinas MS	NATURE'S THERMOMETER	Gonzalez Gabriela
2nd	AS-12	Cuellar	Does the size of the Chrysalis determine the size of the Butterfly?	Snook Jonathan
1st	AS-08	B. Garza MS	Mosquito Madness	Garlic Dmitri

Behavioral and Social Sciences (BE)

Rank	Project #	School	Project Title	Student's Name
5th	BE-20	Vela MS	Sweet Success: The effect of rewards on test taking speed	Maya Van Wagen
4th	BE-ww	Vela MS	Can You Pass Middle School Science	Mercado Jorge
3rd	BE-02	JD Salinas MS	Phonographic and Photographic Memory	Rodriguez Carlos
2nd	BE-03	B. Garza MS	Can Surveys Help Business Owners	Garza Dagoberto
1st	BE-14	B. Garza MS	Temperature's Effect on Crayfish Activity	Garlic Kyrie

Biochemistry (BI)

Rank	Project #	School	Project Title	Student's Name
5th	BI-05	Manzano MS	Passing Gas	Loo Angel
4th	BI-07	Domingo Trevino MS	Wind Boundaries	Delgado Leslie
3rd	BI-12	JD Salinas MS	Bacterial Growth	Veronica Flores
2nd	BI-04	Mary Hoge MS	Inflate No more	Elizondo Alexandra
1st	BI-08	Central MS	Break it UP	Betancourt Ixchel

Cellular and Molecular Biology (CB)

Rank	Project #	School	Project Title	Student's Name
5th	CB-03	Mary Hoge MS	A New Method	Eddia Barrera
4th	CB-11	JD Salinas MS	Finger Mania	Sofia Martinez
3rd	CB-12	Memorial MS	Enzymes In Action	Carreon Victor
2nd	CB-02	Manzano MS	Radiated Seeds	Rivas Cristina
1st	CB-10	JD SALINAS MS	Braking Loose	Chavez Sofia

Chemistry (CH)

Rank	Project #	School	Project Title	Student's Name
5th	CH-18	JD SALINAS MS	SCIENCE OF PENNIES	CASTILLO JONATHAN
4th	CH-37	Garcia MS	Electrolysis	Reyes Diana
3rd	CH-20	Central MS	Cactus Chemical Processes	Kuruda Kaitlyn
2nd	CH-29	J.D. Salinas M.S.	Blue Blow Green	Fuentes Samantha
1st	CH-36	B. Garza MS	Acid Raining on my Parade	Budimir Zachary

Computer Science (CS)

Rank	Project #	School	Project Title	Student's Name
5th	CS-07	Cummings MS	Fluffy Adventures - How to Make a Video Game	Torres Jesus
4th	CS-01	Oliveira	Gliding The Distance	Perez Cody
3rd	CS-06	Javier Saenz MS	2D VS 3D Animation	Garza Jaredd
2nd	CS-02	Mary Hoge MS	Search engine	Perez Ashley
1st	CS-10	I. Garcia	Windows 7 VS Linux	Duran Priscilla

Earth and Planetary Science (EA)

Rank	Project #	School	Project Title	Student's Name
5th	EA-03	Mary Hoge MS	Plate Tectonics	Davis Brandon
4th	EA-04	JD SALINAS MIDDLE SCHOOL	EFFECT OF WORMS ON SOIL FERTILITY	VALDEZ JAYSON
3rd	EA-10	Cesar Chavez MS	What Causes Tornadoes?	Olvera Karla
2nd	EA-07	JD SALINAS MIDDLE SCHOOL	CRAZY CRYSTALS	VALLEJO LUIS
1st	EA-05	School of Science and Technology Corpus Christi	revealing the past year 2	hall lauren

Engineering: Electrical and Mechanical (EE)

Rank	Project #	School	Project Title	Student's Name
5th	EE-10	Perkins	Anti-Spoil Refridgerator	Van Nest Michael
4th	EE-05	Cathey Middle School	The Future Car	McClellan Kevin
3rd	EE-03	Lincoln MS	Going Green	Matthew Treu
2nd	EE-02	Travis Middle School	Homemade Leak Detector	Cantu Leah
1st	EE-08	Mary Hoge MS	Thermostat	Rodriguez Maximilliano

Environmental Management (EM)

Rank	Project #	School	Project Title	Student's Name
5th	EM-02	Javier Saenz MS	Go Green	Martinez Adolfo
4th	EM-13	Manzano Middle School	Percolating and Polluting	Cadavid Maria Salome
3rd	EM-18	Faulk MS	Going Greener	Garza Samuel
2nd	EM-10	Harmony Laredo	Photoremediation with Arbuscular Mycorrhizae	mota ivan
1st	EM-16	School of Science and Technology	Operation Oil Spill	Mahmoud Yoseph

Engineering: Materials and Bioengineering (EN)

Rank	Project #	School	Project Title	Student's Name
5th	EN-06	Port Isabel Junior High	Color Changing Indicator	Orta Carlos
4th	EN-02	Oliveira	Bring On The Heat	Rodriguez Alejandra
3rd	EN-09	Domingo Trevino MS	It Really Works...or does it?	Peralez Gabriela
2nd	EN-03	Stillman MS	House Smart	Ayala Andrew
1st	EN-04	Harmony Laredo	Save Your Butt: Corrosion Inhibition of Steel in HCl	Mohammed Ayesha

Energy and Transportation (ET)

Rank	Project #	School	Project Title	Student's Name
5th	ET-11	B. Garza MS	Solar Power vs. Battery Power	Hernandez Reyes
4th	ET-13	Cuellar	Radiation of the Electromagnetic Field	Rodriguez Jaime
3rd	ET-06	Javier Saenz MS	Fruity Eco Fuel	Garcia Christopher
2nd	ET-03	Harmony Laredo	batteries from fruites and vegetables	De Leon Jesus
1st	ET-09	Manzano Middle School	Wings are Such a Drag	De La Cerda Adrian

Environmental Sciences (EV)

Rank	Project #	School	Project Title	Student's Name
5th	EV-12	Central MS	How Will the Gulf Oil Spill Affect Plankton?	Mahoney David
4th	EV-21	Harmony Laredo	Solar Cooler	Nedev Nikolay
3rd	EV-06	Garcia MS	Black Tide	Guzman Brianna
2nd	EV-23	Port Isabel Junior High	Cleaning Up Oil Spills	Peabody Mark Lee
1st	EV-33	JD Salinas MS	The Last Rock Standing	Adelina Castillo

Mathematical Sciences (MA)

Rank	Project #	School	Project Title	Student's Name
5th	MA-06	Lucio	Why did I fail that test?	Salazar Josue
4th	MA-02	JD SALINAS MIDDLE SCHOOL	MATH + BEETHOVEN = A+?	SEGURA BARBARA
3rd	MA-08	JD SALINAS MIDDLE SCHOOL	CHUNKING- NUMBER RETENTION CORRELATION	GARCIA VICTOR
2nd	MA-07	Besteiro Middle School	Make the Right Call	Sanchez Rebecca
1st	MA-04	Cesar Chavez MS	Basketball From A Different Angle!	Villarreal Christopher

Medicine and Health Sciences (ME)

Rank	Project #	School	Project Title	Student's Name
5th	ME-16	Travis Middle School	Which snack food are better for you?	Wright Jackson
4th	ME-27	JD SALINAS MIDDLE SCHOOL	LUNG CAPACITY vs. ACTIVITY LEVEL	LOPEZ ROBERTO
3rd	ME-05	Manzano Middle School	The Effect of Electromagnetic Waves on Brine Shrimp	Gutierrez Alina
2nd	ME-08	Cathey Middle School	Drinks Anyone?	Perez Ana
1st	ME-07	Perkins	Egg-Cellent Bouncy Eggs	Rock Amber

Microbiology (MI)

Rank	Project #	School	Project Title	Student's Name
5th	None	None	None	None
4th	MI-ww	J.D. Salinas M.S.	Bacterial Growth	Flores Veronica
3rd	MI-06	Cesar Chavez MS	Don't Drink and Play	Rocha Michelle
2nd	MI-01	Port Isabel Junior High	Bon Appetit	Villarreal Alyssa
1st	MI-02	Central MS	White Flies	Trevino Analaura

Physics and Astronomy (PH)

Rank	Project #	School	Project Title	Student's Name
5th	PH-33	Harmony Laredo	the viscosity effect	trevino ramon
4th	PH-21	Javier Saenz MS	Star Census	Villarreal Jaqueline
3rd	PH-38	Cesar Chavez MS	Rolling With Gravity	Perez Daniel
2nd	PH-07	Stell MS	Hot Stuff	Cisneros Carlos
1st	PH-32	Central MS	Fiber Optics and Light-Emitting Diode	Martinez Patrick

Plant Sciences (PS)

Rank	Project #	School	Project Title	Student's Name
5th	PS-23	B. Garza MS (Weslaco ISD)	Ready, Set, Multiply	Rivera Nathaniel
4th	PS-24	Stillman MS	Strike Oil	Bodden Nicolas
3rd	PS-26	Faulk MS	The Power of Attraction	Franco Rebecca
2nd	PS-06	Stillman MS	Who's Got Gas	Adams Darla
1st	PS-05	Harmony Laredo	Eco Friendly humidifier?	Park Daniel

Rio Grande Valley Regional Science and Engineering Fair 2011
Junior High School Winners

Team Biological (TB)

Rank	Project #	School	Project Title	Student's Name
5th	TB-21	D.M. Saucedo MS	Extracting DNA from Bananas in Various Stages of Ripeness	Pedro Cedillo & Kevin Romo
4th	TB-07	Javier Saenz MS	Reaction Time	Gabriela Medina & Carlos Jara
3rd	TB-05	Manzano Middle School	Eco-Green	Fayth Cerda & Armando Castillo
2nd	TB-17	Faulk MS	Pill vs. Pill: Which Dissolves Faster?	Kenia Villarreal & Veronica Froozan
1st	TB-19	B. Garza MS (Weslaco ISD)	Snail Repro	Marcos De la Garza & Joel Martinez

Team Physical (TP)

Rank	Project #	School	Project Title	Student's Name
5th	TP-20	Domingo Trevino MS	Paper Shape Weights	Juan Pina & Johana Garcia
4th	TP-30	D.M. Saucedo MS	Investigating the Lead Content Levels in Water of Older vs Newer Homes	Victoria De La Fuente & Celeste Mata
3rd	TP-19	Perkins	Sugar Laser	Kassandra Charles & Krystal Cruz
2nd	TP-23	Cummings MS	POWER BUBBLES	Liliana Ortiz & Bianca Castillo
1st	TP-22	Dorothy Thompson Middle School	Energy Efficient Cooking	Lesly Ramirez & Daniela Guzman

Rio Grande Valley Regional Science and Engineering Fair 2011
Junior High School Winners

Grand Champion Teams

Rank	Project #	School	Project Title	Student's Name
Grand Champion Team	TB-19	B. Garza MS (Weslaco ISD)	Snail Repro	Marcos De la Garza & Joel Martinez

First Runner Up Individual Categories

Rank	Project #	School	Project Title	Student's Name
1st Runner Up	CH-36	B. Garza MS	Acid Raining on my Parade	Budimir Zachary

Grand Champion Individual Categories

Rank	Project #	School	Project Title	Student's Name
Grand Champion	EA-05	School of Science and Technology Corpus Christi	Revealing the past year 2	Lauren Hall