



**51<sup>st</sup> Annual  
San Juan Basin Regional Science Fair  
2009 Junior Division Awards**

*Behavioral and Social Sciences*

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Hopcia	Abby	Dolores Middle School	Brainwash: A Study on Primers and Human Behavior
2nd	Carney	Harley	Miller Middle School	Does Music Warp Your Mind?
3rd	Romine	Ashley	Cortez Middle School	Smarter Than A Seventh Grader
HM	Speece	Casie	Bayfield Middle School	Speed
HM	Wallace	Samantha	Cortez Middle School	Learning Style
HM	James	Lecil	Cortez Middle School	Pulse and Pressure

*Biomedical Sciences*

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Barney	Sarah	Saint Columba School	Which White Makes It Bright?
2nd	Archuleta	Alex	Mancos Middle School	Diabetes: Food & Exercise vs. Male & Female
3rd	Engel	Abby	Cortez Middle School	Fruit and Veggie Tales
HM	Cox	Kyle	Mancos Middle School	Tooth Decay
HM	Kloster	Emily	Mancos Middle School	GMOs: Do We Have A Choice?

*Botany*

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Tripp	Andrea	Cortez Middle School	Note the Growth
2nd	Simpson	Kelsey	Mancos Middle School	Cancer Fighting Plants
3rd	Uptain	Darren	Dolores Middle School	Humate vs. Soil
HM	Waltman	Mikkel	Cortez Middle School	Light is Life
HM	Cummins	Danny	Saint Columba School	Magnetic Zucchini
HM	Hess	Megan	Mancos Middle School	Salty

*Chemistry*

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	McLaughlin	Sean	Saint Columba School	Flame On
2nd	Maxwell	Sam	Saint Columba School	The Fog
3rd	Biard	Darcie	Mancos Middle School	What's In Your Water?
HM	Crouch	Emily	Cortez Middle School	Which Wash?
HM	Conrady	Sydney	Saint Columba School	The Great Escape



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*Earth and Space Sciences*

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Schlom	Kendra	Pagosa Springs Junior High	Finding the Origin
2nd	Mummery	Laura	Saint Columba School	Sun Sun Go Away- A Study in Refractive Lenses in Space to Reduce Global Warming
3rd	Branch-Boyle	Jacob	Saint Columba School	Developing Oil Shale the Right Way

*Engineering*

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Miller	Kolton	Mancos Middle School	Bear-icade
2nd	Willburn	Zane	Mancos Middle School	Water Purification Off the Grid - Phase II
3rd	Langford	Nathan	Escalante Middle School	Research and Development of an Alternative Fuel - Compressed Air
HM	Tarr	Kenna	Cortez Middle School	From Air to Sparks
HM	Mandelski	Zofie	Saint Columba School	Wind Belt Wonder
HM	Engelken	Jared	Miller Middle School	Long Range Remote Control
HM	Harbur	Brannon	Pagosa Springs Junior High	If There's A Wind There's A Way

*Environmental Sciences*

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Boren	Kayla	Saint Columba School	Burn Baby Burn- A Study of Forest Fuels and Humidity
2nd	Hughes	Mary	Cortez Middle School	Preserved Through Time
3rd	Walck	Emily	Cortez Middle School	The Essential Characteristics of Water
HM	Hoselton	Darren	Bayfield Middle School	What Forest Material Burns the Fastest in a Forest Fire?
HM	Good	Sierra	Saint Columba School	Got Oil?

*Math, Consumer, and Computer Sciences*

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Leavitt	Tucker	Miller Middle School	Predicting the Inferno
2nd	McKie	Brandon	Mancos Middle School	Finger Phi
3rd	Graffis	Brianna	Dove Creek Middle School	Electrolytes Change: Orange Juice vs. Sports Drinks vs. Energy Drinks



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**Microbiology**

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Clarke	Denvir	Bayfield Middle School	Bacteria
2nd	Albright	Claire-Margaret	Saint Columba School	Yuck! Dog Germs
3rd	Archuleta	Keith	Pagosa Springs Junior High	Electric Yeast
HM	Rathbun	Elle	Miller Middle School	Ten Second Rule

**Physics**

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Rossi	Rachel	Miller Middle School	Radio Waves Round-Up
2nd	Sandner	Emily	Saint Columba School	Wingin' It II - Testing Jet Aircraft Wing Stability
3rd	Kater	Samuel	Bayfield Middle School	Waves in a Wine Glass
HM	Kingan	Mike	Bayfield Middle School	Magnetizing Liquids
HM	Mandelski	Matthew	Saint Columba School	Feel the Heat
HM	Ruiz	Omar	Pagosa Springs Junior High	How Does Wing Width Affect Flight?
HM	Purcell	Chase	Pagosa Springs Junior High	Rifleharmony.com

**Team Projects**

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Allsup	Maeve	Dolores Middle School	The Scent of Blood
	Johnston	Ryan		
2nd	Thompson	Ethan	Dolores Middle School	A. Killer
	Youngquist	Moki		
3rd	Anderson	Hayley	Saint Columba School	What Comes Around Goes Around
	Looman	Kelly		
HM	Eckhart	Si	Cortez Middle School	Floating Weight
	Dean	Logan		

**Zoology**

<i>Rank</i>	<i>Last</i>	<i>First</i>	<i>School</i>	<i>Project</i>
1st	Stowers	Cooper Elizabeth	Saint Columba School	Just Chillin' III - Does Salinity Affect Color Changes and Activity Levels in Fiddler Crabs?
2nd	Phillips	Marie	Dolores Middle School	A-MAZE-ING Dogs
3rd	Lansing	Tenai	Cortez Middle School	Horsin' Around
HM	Gustafson	Whitney	Mancos Middle School	Can You Hear the Music?