

64th Annual San Juan Basin Regional Science Fair 2022

Place	Project #	Student Name		Project Name
6th Grade Division				
Animal Science				
1	EL-ANML-6-1002	Traycer White	Mancos Middle School	Raccoon Trapping
Behavioral & Social Sciences				
1	EL-B&SS-6-1101	Garrison Hostiuck-Kennedy	Mancos Middle School	VR science
2	EL-B&SS-6-1102	Vivian Frazier	St. Columba School	Does the Color of Food Affect Taste
3	EL-B&SS-6-1103	Selia Montoya	Ignacio Middle School	Fingerprint analysis
Chemistry				
1	EL-CHEM-6-1202	Ayla Coffey	Dove Creek Middle School	Does temperature effect the rate of Epsom salt crystals in eggshells? Why?
2	EL-CHEM-6-1203	Aiden Green	St. Columba School	Bust that Rust
3	EL-CHEM-6-1201	Laney Palmer	Mancos Middle School	The Dangers of Liquids
HM	EL-CHEM-6-1204	Ava Hawkins	Mancos Middle School	Geode eggshell's
Engineering				
1	EL-ENGR-6-1501	Cuinn Archer	Mancos Middle School	Automatic Water
2	EL-ENGR-6-1502	Christopher Akin Jr	Mancos Middle School	Automatic plant waterer
Environmental Science				
1	EL-ENVIR-6-1601	Cole Potter	St. Columba School	The Affects of Laundry Greywater on Plant Growth
Math & Computer Science				
1	EL-MATH-6-1701	Hank Guiles	Mancos Middle School	Windows 7 pro to gaming laptop
Medicine & Health				
1	EL-MED&H-6-1801	Colter Dennison	Mancos Middle School	Oxygen Deficiency
Microbiology				
1	EL-MICRO-6-1901	John Brown	Mancos Middle School	Bacteria Overload
Physics				
1	EL-PHY-6-2004	Levi Priestley	Mancos Middle School	Bullet Accuracy
2	EL-PHY-6-2003	Levi Gardner	Mancos Middle School	How Far Should You Be to Shoot Grouse
3	EL-PHY-6-2002	Paislee Mestas	Mancos Middle School	welding strength
HM	EL-PHY-6-2005	Linzie Bidart	St. Columba School	Temperature's Effect on the Speed of Sound

Junior Division (7th & 8th Grades)

Behavioral & Social Science				
1	JR-B&SS-JR-4101	Mykaela Fury	Dove Creek Middle School	Factors Affecting Lung Capacity
2	JR-B&SS-JR-4104	Samantha Riddell	Mancos Middle School	Gum or No Gum
3	JR-B&SS-JR-4105	Aspen Vocke	Mancos Middle School	How kids feel towards colors?
HM	JR-B&SS-JR-4102	Michael Krupa	Ignacio Middle School	How Smartphones Affect Middle School Emotions
HM	JR-B&SS-JR-4103	Nicole Velasquez	Ignacio Middle School	What fragrance do people prefer
Chemistry				
1	JR-CHEM-JR-4201	Olivia Jukes	Mancos Middle School	Toxic Flames
2	JR-CHEM-JR-4203	Shea Murphy	Dove Creek Middle School	Oil vs Paper Filter
Earth & Space Science				
1	JR-EARTH-JR-4301	Tenzing Matt	St. Columba School	Detecting Solar Activity with a Homemade Magnetometer
2	JR-EARTH-JR-4302	Gabe Clark	St. Columba School	Paleo-Ornithology- Experimental Taphonomy and Bird Origins
Energy & Transportation				
1	JR-E&T-JR-4401	Jessica Halladay	Mancos Middle School	Most burnable food recourses
Engineering				
1	JR-ENGR-JR-4504	Payton Zieske	Hope Community Christian Academy	What Materials are Best for Making a Foundation With a House With Settling Problems?
2	JR-ENGR-JR-4503	Andrew Simmons	Mancos Middle School	RC Aerodynamics
3	JR-ENGR-JR-4501	Shaylee Valencia	Mancos Middle School	Tractor build
4	JR-ENGR-JR-4502	Colten Vannest	Mancos Middle School	Ace Axial Chair
Environmental Science				
1	JR-ENVIR-JR-4602	Autumn Schulz	Ignacio Middle School	Insulating With Recycled Materials
Math & Computer Science				
1	JR-MATH-JR-4701	Vaughn Lee	Hope Community Christian Academy	How Secure are Your Security Questions?
Medicine & Health				
1	JR-MED&H-JR-4801	Sophia Dainty-Guilfoyle	Mancos Middle School	Most Hydration Given By Water
2	JR-MED&H-JR-4803	Brooke Jabour /Alexis Lyons	Mancos Middle School	Hazardous H2O
3	JR-MED&H-JR-4802	Destiny Kramer /Zoey I Gilstrap	Mancos Middle School	Coke = Stomach Acid?

Junior Division (7th & 8th Grades)

Microbiology				
1	JR-MICRO-JR-4901	Sophie May-Ostendorp	St. Columba School	Experimenting with E.Coli
2	JR-MICRO-JR-4903	Noah Higinbotham	Mancos Middle School	The Spread of Germs
3	JR-MICRO-JR-4902	Evan Goff	Mancos Middle School	Germs on metal
Physics				
1	JR-PHY-JR-5001	Cooper Manganaro	Escalante Middle School	Was Isaac Newton Correct?: Testing The Classic Equation ($F=ma$) On A Pool Table
Plant Science				
1	JR-PLANT-JR-5101	Joellianna Rohde	Ignacio Middle School	Grow with the Flow
2	JR-PLANT-JR-5102	Karson Harbison	St. Columba School	Magnets Maximize Plant Growth
3	JR-PLANT-JR-5105	Miles Snow	St. Columba School	Magnificent Musical Plants
HM	JR-PLANT-JR-5103	Tegan Mestas	Mancos Middle School	what fertilizer is best
HM	JR-PLANT-JR-5104	Dillon Brann	Hope Community Christian Academy	Plants VS Sweetener

Senior Division (High School)

Behavioral & Social Science				
1	SR-B&SS-SR-7101	Serenity Foutz	Wilson Hill Academy	The Controversy of Horse Training
Chemistry				
1	SR-CHEM-SR-7202	Shelby Dunlap /Siena Parr	Dolores High School	The Burning Question: Homemade or Purchased?
Earth & Space Science				
1	SR-EARTH-SR-7301	Nathaniel Ellis	Durango High School	Moon-Opoly: Utilizing In-Situ Resources (ISRU) for Lunar Colonization
Engineering				
1	SR-ENGR-SR-7503	Teagan Archer	Mancos High School	The Perfect Pan
2	SR-ENGR-SR-7502	Braxton Dennison	Mancos High School	Homemade Hydrogen Fuel Cell
3	SR-ENGR-SR-7501	Elia Lowe /Samantha Abate	Dolores High School	Eco-friendly vs Store-bought Water Repellent
Environmental Science				
1	SR-ENVIR-SR-7601	Lilly Figueroa	Mancos High School	Investigation of pH Levels in Relation to Northern Leopard Frogs
2	SR-ENVIR-SR-7602	Maya Lowe /Keira LaRose	Dolores High School	The Sticky Solution: A Water Soluble Eco Friendly Fruit Sticker Substitute.