

Junior Division Exhibitors

Category	Student(s)	Project Title	School	Honors
Animal Sciences	Gavin Collier	To Game or Not To Game?	Locust Grove Middle	1st Honors
Behavioral and Social Sciences	Ananya Augustine	The Effect of Color on the Human Heart Rate	Eagle's Landing Middle	1st Honors
Behavioral and Social Sciences	Alice Apronti	Can Peppermint Improve Reaction Times?	Stockbridge Middle	3rd Honors
Biochemistry	Fatima Kamara	Spectrophoto Meter	Dutchtown Middle	3rd Honors
Biomedical and Health Sciences	Michaylah Green	Bionic Kidney	Dutchtown Middle	3rd Honors
Biomedical and Health Sciences	Bailey Ramsey	Do Video Games Raise Blood Pressure?	Austin Road Middle	2nd Honors
Biomedical and Health Sciences	William Mudge	Which toothpaste cleans the best when combined with mouthwash?	Strong Rock Christian Academy	1st Honors
Biomedical and Health Sciences	Anahat Bawa	Do Different Types of Orange Juice Contain the Same Amount of Vitamin C?	Union Grove Middle	1st Honors
Biomedical Engineering	Jasmine Walker and Briana Hill	Lung Capacity	Dutchtown Middle	2nd Honors
Cellular and Molecular Biology	Ashley Thompson	Surface Tension	Dutchtown Middle	2nd Honors
Chemistry	Jamar Adams	What Clean's Your Shoes Best?	Stockbridge Middle	4th Honors
Chemistry	Gabrielle Eason	Salty Crystal Craze	New Creation Christian Academy	2nd Honors
Chemistry	Bellamy Emerson	Does the Flavor of Gelatin Affect the Time it Takes to Set?	Austin Road Middle	4th Honors

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Chemistry	Peyton Henderson	Which Teeth Whitening Toothpaste	Austin Road Middle	2nd Honors
Chemistry	Kaden Borst and Tyler Tucker	Is a Permanent Marker Permanent?	Austin Road Middle	2nd Honors
Chemistry	Kelly Maldonado	Which Type of Chocolate Melts the Fastest?	Stockbridge Middle	4th Honors
Chemistry	Monica Robinson	How Does Temperature Affect the Cool Blue Luminol Glow?	Stockbridge Middle	3rd Honors
Chemistry	Mikylah Charles	Spice: Their Not Just for Seasoning!	Union Grove Middle	1st Honors
Chemistry	Hudson Groover	How Does Temperature Affect Battery Life?	Union Grove Middle	1st Honors
Chemistry	Sadryan Flores	The Shiny Penny and Vinegar	Dutchtown Middle	1st Honors
Chemistry	Catie Burk and Surai Carey	The Perfect Cup	Locust Grove Middle	3rd Honors
Earth and Environmental Sciences	Sanaa Harris	Water Temp-Pressure	Dutchtown Middle	2nd Honors
Earth and Environmental Sciences	Vienna Nguyen	Filter It	Dutchtown Middle	1st Honors
Earth and Environmental Sciences	Ava Shirley	Validation of the 5 sec Rule	McDonough Middle	4th Honors
Earth and Environmental Sciences	Demia Porter	Which Solutions Grow Nails Faster	McDonough Middle	4th Honors
Earth and Environmental Sciences	Madison Leatherwood and Breana Huggins	Can Ultraviolet Light Help Speed Up Mineral ID in the Field?	Stockbridge Middle	2nd Honors

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Earth and Environmental Sciences	Abby Tew	How Littering Affects Animals	Strong Rock Christian Academy	4th Honors
Earth and Environmental Sciences	Molly Jongebreur and Ava Maldonado	Which type of Worm Decomposes Organic Material the Fastest?	Union Grove Middle	1st Honors
Earth and Environmental Sciences	Mary Rozier	False Alarm: Graphite is Not Harmful to Living Organisms	Eagle's Landing Middle	1st Honors
Earth and Environmental Sciences	Aanya Superiwala	Oil Spill the Manmade Disaster	Eagle's Landing Middle	1st Honors
Embedded Systems	Jonathan Dorminy	Amateur Band Text Radio for Emergency Use, Year 2	Sola Fide Homeschool	1st Honors
Energy: Chemical	Yusef AbuSalim and Bryce Brown	How does the citrus in a lemon produce energy to light an LED?	Union Grove Middle	4th Honors
Energy: Physical	Taylor Raines	Which Substance Melts Ice the Fastest?	Austin Road Middle	3rd Honors
Energy: Physical	David Moore	Does Practice Make Perfect?	Dutchtown Middle	2nd Honors
Energy: Physical	Damari Morrison and Ethan Turner	Building a Solar Powered Car	Stockbridge Middle	4th Honors
Energy: Physical	Kirston Harmon	Optical Illusion: Does gender play a role in what we see?	Austin Road Middle	3rd Honors
Energy: Physical	Aniya Evariste	Which Wrap Holds the Most Heat?	Stockbridge Middle	3rd Honors
Energy: Physical	James Leilyn	Expanding Ivory Bar Soap	Dutchtown Middle	1st Honors

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Energy: Physical	Ekeme Adorbor	Add Pebbles in a Bowl of Water to See if Water Level Will Rise	Dutchtown Middle	1st Honors
Energy: Physical	Preston Wright	Which Bat Will Force a Baseball to go the Farthest?	Austin Road Middle	1st Honors
Engineering Mechanics	Eric Jones	A Lil Bit of A.I.	Locust Grove Middle	3rd Honors
Engineering Mechanics	Caiden Joplin	Fruit Battery	McDonough Middle	2nd Honors
Engineering Mechanics	Dayneja Atkins	Which Brand of Battery Works Best for Creating an Electric Motor?	Austin Road Middle	2nd Honors
Engineering Mechanics	Takeria Joplin	Can Coins Generate Electricity	McDonough Middle	2nd Honors
Engineering Mechanics	Mia Williams	Does a Solar Oven Really Work	McDonough Middle	2nd Honors
Engineering Mechanics	Henrick Ngo	Mono Trains: Can They Be Improved?	Strong Rock Christian Academy	2nd Honors
Engineering Mechanics	Krish Patel and Robert Dunn	Can We Engineer a Magnetically Propelled Cart?	Union Grove Middle	1st Honors
Engineering Mechanics	Nick Crawford	Which Ramp Will Make the Race Car Go Faster?	Dutchtown Middle	1st Honors
Engineering Mechanics	Matthew McAlister and Logan Burrell	Perfect Paper Airplane	Locust Grove Middle	4th Honors
Environmental Engineering	Rachel Little and Alaysia Polk	Learn How to Disinfect Contaminated Water	Dutchtown Middle	3rd Honors

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Environmental Engineering	Justice Montgomery	Magnetic Train	Dutchtown Middle	3rd Honors
Environmental Engineering	Palash Patel	Water Washer	Dutchtown Middle	2nd Honors
Materials Science	Janay Wilson	Which Type of Laundry Detergent Works Best on Stained Clothes?	Union Grove Middle	1st Honors
Materials Science	Jaden Cherisien	Keeping it Cool	Dutchtown Middle	1st Honors
Materials Science	Piper Wadsworth	Growing Geods in Organic Vessels	Strong Rock Christian Academy	2nd Honors
Materials Science	Caroline Valenzuela	Br or PHMB? Which Chlorine alternative works better?	Union Grove Middle	2nd Honors
Microbiology	Xavier Washington	Which Surface Has the Most Bacteria?	Austin Road Middle	2nd Honors
Microbiology	Zachary Quintero	Do Different Disinfectaries Truly Work Better Than Others?	Union Grove Middle	1st Honors
Physics and Astronomy	Beyuti Burrows	Which Color Shows the Most Number of Reflection In the Shadow Box?	Austin Road Middle	3rd Honors
Physics and Astronomy	Elisha Smith and Amayah Shirley	Stain A-Way	McDonough Middle	4th Honors
Physics and Astronomy	Kamiya Brown and Alexis Bailey	Which Solution Gets Ink Out the Best	McDonough Middle	4th Honors
Physics and Astronomy	Hayden Maddox, Chelie Chatman and Cooper Rivers	What's Poppin?	Locust Grove Middle	3rd Honors

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Plant Sciences	Ved Patel and Johnathan Thompson	How Does the Ph Level of Water Affect the Growth of a Bean Plant?	Union Grove Middle	2nd Honors
Plant Sciences	Merritt Turner and Sakiusa Babitu	Which substance keeps Granny Smith apple slices from Oxidizing fastest?	Union Grove Middle	3rd Honors
Plant Sciences	Zahria Gray	How Does Caffienate Coffee affect Plant Growth	McDonough Middle	3rd Honors
Plant Sciences	Valeria Medrano	Sunlight vs. Lightbulb	Dutchtown Middle	4th Honors
Plant Sciences	Noah Heller	Potato Power	Strong Rock Christian Academy	2nd Honors
Plant Sciences	Mary Jane Lockhart	Different Soil Types to Test Root Growth	Strong Rock Christian Academy	1st Honors
Plant Sciences	Aubrie Blackwelder	Plant Battle: GMOs Vs, Non GMOs	Strong Rock Christian Academy	2nd Honors
Plant Sciences	Noah Fonfield	How Many Apple Seeds are Usually in an Apple?	Dutchtown Middle	1st Honors
Robotics and Intelligent Machines	Casey Bevins	The Robot Revolution	Strong Rock Christian Academy	3rd Honors