

| District 10 Science Day - Superior Rated Projects | | | | |
|---|-------------------------|--------------------------------|---|--|
| School and County | Project Type | Student Name and Grade | Project Name | |
| Archbishop Alter, Montgomery | Individual | Makensie Nikole Funk - grade 9 | Auditory Versus Visual Learning | |
| | Individual | Moses Mabarak - grade 9 | Does Fluoride Protect My Teeth | |
| | Individual | Megan Brandt - grade 9 | E. coli vs Vitamin E | |
| | Individual | Isaiah Elliott - grade 9 | Entomophobia Explained | |
| | Individual | Keith Butler - grade 9 | Fire Retardant Salt Solutions | |
| | Individual | Lucas Soin - grade 9 | Insulation Design Challenge | |
| | Individual | Alex Korenyi-Both - grade 9 | Light's Effect on Algae | |
| | Individual | Okemdi Eze - grade 10 | Measuring the Amounts of Particle Matter in the Air in Various Testing Environments | |
| | Individual | Kathryn Mershad - grade 10 | Measuring the production of biogas through the decomposition of different biomasses | |
| | Individual | Corinne Simpson - grade 9 | The Chemistry of Flour and its Physical Effects on Sugar Cookies | |
| | Individual | Lauren Phillips - grade 10 | The Effect of Acid Rain on Plant Growth by Watering Grass Seeds with Acidic Solutions Varying in pH | |
| | Individual | Kate Riegel - grade 10 | The Effect of Different Concentrations of Salty Road Runoff on Soybean Germination and Growth | |
| | Ascension, Montgomery | Individual | Grace Linz - grade 7 | Grace Linz Soda's Effect on Tooth Enamel |
| | | Individual | Ryan Falkowski - grade 7 | How Much Juice is in Fruit? |
| Bellbrook Middle School, Greene | Individual | Kelsey Bisignani - grade 6 | Are Oreos Lying to Us? | |
| | Individual | Kylie Bennett - grade 7 | Jump Around | |
| Bishop Leibold E And W Campus, Montgomery | Individual | Joshua Wright - grade 7 | Amazing Anti-Magnets | |
| | Individual | Josie Lofland - grade 8 | Berry Moldy Science | |
| | Individual | Olivia Pickerrell - grade 7 | Bright Reactions | |
| | Individual | Jennifer Najem - grade 7 | Chromatic Adaptation | |
| | Individual | Laila Monaghan - grade 8 | Don't Go Breaking My Heart | |
| | Individual | Marina Bell - grade 7 | Fast & Fabulous | |
| | Individual | Dolly Dourson - grade 7 | Fizzin Reactions | |
| | Individual | Chris Eckert - grade 7 | How Does Target Size Affect Game Score? | |
| | Individual | Brynn Gutendorf - grade 8 | I feel your heart beat | |
| | Individual | Annabell Carpenter - grade 8 | I've got the Blues? | |
| | Individual | Megan Rosenberg - grade 7 | Light the Way | |
| | Individual | Owen O'Connell - grade 7 | Parachute Drop | |
| | Individual | Ava Emmer-Lovell - grade 7 | Rocketry | |
| | Individual | Mary Helen Lober - grade 8 | Sensational Spheres | |
| | Individual | Zach Sabin - grade 7 | Smooth Operation | |
| | Individual | Marley Turner - grade 7 | Sticky Science Situation | |
| | Individual | Queen Akuzwe - grade 8 | The More the Merrier? | |
| Individual | Grant Muvunyi - grade 8 | To Infinity and Beyond | | |
| Carroll High School, Montgomery | Individual | Kyle Heilmann - grade 11 | A Mathematical Analysis of Velocity and Density vs. Crater Size | |
| | Individual | Claire Holcomb - grade 11 | A Secondary Data Analysis on Unequal Perceived Access and Use of Green Spaces | |
| | Individual | Caedon Cooper - grade 10 | Comparative Mercury Levels in Farm-raised and Wild-caught Fish | |
| | Individual | Neil Tivakaran - grade 11 | Effect of Organic Enzymes on Gluten Degradation using ELISA Testing | |
| | Individual | Olivia Rodriguez - grade 9 | Fading Comparison of Natural Versus Chemical Dyes | |
| | Individual | David McLoughlin - grade 11 | House Price Prediction Using Regression Techniques | |
| | Individual | Logan Arnold - grade 11 | Programming for Speed and Accuracy of Trigonometric Function Algorithms | |
| | Individual | Jared Sargent - grade 11 | Sound Wave Reduction For Roller Coasters | |
| | Individual | Stella Sharp - grade 9 | The Effect of Dirt Debris Collected in Golf Clubs on the Flight of the Ball | |
| | Individual | Niko Joseph - grade 9 | The Effect of Free Throw Technique on Free Throw Percentage | |
| | Individual | Juliana Johnson - grade 9 | The Effect of Ultraviolet Light on Bacterial Growth | |
| | Individual | Sophia Harsch - grade 9 | The Effectiveness of Mucilages as an Adhesive | |
| | Individual | Abby Brown - grade 11 | The Effects of Chemical and Organic Fertilizers on the Heart Rate of Daphnia magna | |
| | Individual | Caitlin Neidhard - grade 10 | The Effects of Misleading Information on Eyewitness Testimony | |

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| Charles Huber Elementary School, Montgomery | Individual | Braylon Wilcox - grade 5 | Football Weather Temperatures! |
| Dayton Christian School, Montgomery | Individual | Nathan Reynolds - grade 11 | Development of Osteoarthritis in Dogs |
| | Individual | Logan Denhardt - grade 8 | Do 2-strokes or 4-strokes accelerate faster? |
| | Individual | Preston DeBusk - grade 11 | Household Hydroelectric |
| | Individual | Jian Xun Heng - grade 11 | How Temperature Affects the Decomposition of Oxalic Acid |
| Dayton Regional STEM School, Montgomery | Individual | Curtis Ngidari - grade 11 | Water Purification |
| | Individual | Shiven Parikh - grade 9 | CRACKED IT! |
| | Individual | Rachel Finegan - grade 9 | Flaming Flies |
| | Individual | Amelia Lamont - grade 9 | Fluorescence Rocks! |
| | Individual | Rhea Pasupuleti - grade 10 | Healthy Hydroponics: The Compost Contribution |
| | Individual | Charlie Pochet - grade 9 | Open-FC |
| | Individual | Lahari Doppalapudi - grade 10 | Waste to Plastic |
| | Individual | Luke Doseck - grade 11 | Charge Up with Your Downspout: Perfecting a Hybrid Hydroelectric System |
| Global Impact STEM Academy, Clark | Individual | Joseph Wright - grade 11 | Charge Up with Your Downspout: Perfecting a Hybrid Hydroelectric System |
| | Individual | Abigail Getz - grade 12 | Bioavailability of Probiotics in Hog Feed |
| | Individual | Lucas Yang - grade 8 | Can Plants Purify Water |
| | Individual | Mackenzie Hudson - grade 11 | Comparative Study of Brewing Methods of Coffee and Coffee Alternatives |
| | Individual | Abby Webster - grade 11 | Do People With Different Backgrounds Have The Same Understanding of Agricultural Laws? |
| | Individual | Riley McNeal - grade 8 | Does Hand Sanitizer Kill Raw Chicken Bacteria? |
| | Individual | Brylie Jackson - grade 7 | Does Milk Type Have An Effect on the Spoilage Time and Amount of Bacteria and Mold Growth? |
| | Individual | Evelyn Lorensen - grade 10 | How Do Different Dairy Varieties Curate Outside Of Recommended Temperature |
| | Individual | Jason Perdue - grade 10 | How do Different Types of Animal Feed react when Introduced to Gastric Acid? |
| | Individual | Logan Ward - grade 9 | How do different welds change the strength of the bond? |
| | Individual | Callum Crawford - grade 8 | How does a piston,Ãs width/length affect the speed of its revolution? |
| | Individual | Brooklynn Lisch - grade 8 | How Does Dry Time Affect A Macaron Shells Bite Force |
| | Individual | Emilia Scribber - grade 9 | How Does Sugar Content in Bananas Differ When Ripe, Unripe, and Overripe |
| | Individual | Caleb Bryant - grade 8 | How does the Location of a Soil Sample Affect the Number of Microorganisms? |
| | Individual | Precious Bibbs - grade 9 | How does UV Light Affect Bacterial Growth in Chicken? |
| | Individual | Regan Herzog - grade 10 | Testing if rats, when exposed to mazes will adapt and/or get faster processing abilities to get th |
| | Individual | Grace Whitmore - grade 11 | The Effect of Non-Native and Native Milkweed Species on Monarch Butterfly Chrysalis Development |
| | Individual | Josie Jennings - grade 10 | The Study of Soil Fertility Nutrient Influence on Yield |
| | Individual | Jillian Jennings - grade 8 | What Cleaner Is Best For Surgical Instruments In A Veterinary Clinic? |
| | Individual | Ethan Keyes - grade 7 | Which Airfoil Creates the Most Lift/Drag |
| Individual | Katelyn Patterson - grade 8 | Which Cleaner Eliminates the Most Bacteria off of a Phone Surface? | |
| Individual | Izzy Mercer - grade 7 | Which Fabric is Most Stain Resistant? | |
| Individual | Emery Keirns - grade 7 | Which Feminine Product is Most Effective? | |
| | TEAM | Noah Gathany - grade 11 and Anna Spohler - grade 11 | Different Water Filtration Systems and How Effective They Are |
| | TEAM | Victoria Moore - grade 10 and Hannah Quick - grade 10 | Science Day Does the Brand of Tampons Affect their Absorbency?Project Title |

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| Herman K Ankeney Middle School, Greene | TEAM | Shannon O'Hara - grade 6 and Drew Pochet - grade 6 | Which Liquid is Best for Ripple Jade Succulent Growth? |
| Incarnation, Montgomery | Individual | Katie Klene - grade 9 | Hear Me Hear Ye |
| | Individual | Keeran Patel - grade 8 | Light Speed |
| Miami Valley CTC, Montgomery | Individual | Alexia Morgan - grade 11 | Activation of Rectus Femoris During Various Types of Squats |
| | Individual | Alayna Moreaux - grade 12 | Bench press upper body muscle activation between stable and unstable loads |
| | Individual | Grace Koelblin - grade 12 | Blood flow restriction |
| | Individual | Dylan Barns - grade 12 | Controlled temp biking and its eddects on balance and ability to think cognitvely |
| | Individual | Elizabeth Maxwell - grade 12 | Does Sour Candy, Gummy Candy or Brown Rice Make The Body Perform Better During Athletic Performance? |
| | Individual | Brodie Strawser - grade 12 | Effects of Different Length Naps on Cognitive and Athletic Performance |
| | Individual | Brady Garland - grade 11 | Effects of interval and aerobic training |
| | Individual | Gabrielle Allen - grade 12 | Is Working Out With A Partner More Efficient Than Working Out Alone? |
| | Individual | Katherine Daugherty - grade 12 | MiO Energy Shots Effects on Power Output and Cognitive Function |
| | Individual | Shelby Haye - grade 12 | Testing Carbohydrate Rinse with Lemonade and Pedialyte® |
| | Individual | Ian Brown - grade 12 | The Influence of Different Weight Training Types on Various Track Performances |
| | Individual | Kiera Elliot - grade 12 | Why do runners run? |
| The Miami Valley School, Montgomery | Individual | Mia Byarlay - grade 9 | Bee Pollen and Pesticide |
| Northeastern Middle/High School, Clark | Individual | Jayla Sartin - grade 9 | Can Aquaponics Have The Ability to Purify Contaminated Water and Suitable for Sustaining life. |
| | Individual | Trystyn Nicolai - grade 9 | How do germs affect the human body? |
| | Individual | Kaden Bereczky - grade 9 | How much more hay does a cow intake after calving? |
| | Individual | Braden Malone - grade 9 | Taste This |
| | Individual | Maggie Faust - grade 9 | The Chemistry of Colorful Fire |
| | Individual | Clara Wiant - grade 9 | The Color of Baking |
| | Individual | Stephen Roddy - grade 9 | The Possible Effects from Goats Listening to Music |
| The Ridgewood School, Clark | Individual | Alexander Morales - grade 8 | Acidic Devastation: Effects of Acid Rain |
| | Individual | Abby Groth - grade 8 | Do Dog's or Human's Mouths Have More Bacteria? |
| | Individual | Annia Ameer - grade 6 | Foil the Oil ! |
| | Individual | Fadhila Ashraf - grade 7 | How Does Potassium Affect Plant Growth? |
| | Individual | Emerson Babian - grade 8 | The Process of Electrolosis |
| Southeastern Jr. High School, Clark | Individual | Ian Trueebenbach - grade 6 | How much protein is available to pigs after digestion? |
| St Charles Borromeo, Montgomery | Individual | Dorothy Back - grade 6 | Acid Rain, It's Not Basic |
| | Individual | Jackson Gaeta - grade 7 | Additives in Water Affecting Evaporation |
| | Individual | Caroline Lipp - grade 7 | Base Level Blood Sugar |
| | Individual | Luke Schumaker - grade 8 | Bouncy Balls |
| | Individual | Jackson Crinion - grade 6 | Elephant's Toothpaste |
| | Individual | Liam Skeans - grade 8 | Pinhole Camera |
| | Individual | Nathan Olmstead - grade 6 | Solar Powered RC Car. |
| | Individual | Nathan Keltos - grade 6 | Temperature and Crystals |
| | Individual | Lorelei Cannon Dardari - grade 8 | The Perfect Lotion |
| | Individual | Daniel Ennis - grade 6 | Winglets Affecting Speed |
| | TEAM | Ben Egan - grade 6 and Luke Oue - grade 6 | Electromagnetism |
| Stivers School For The Arts, Montgomery | Individual | Aaliyah Harris - grade 7 | The Maze Runners |
| Tippecanoe Middle School, Miami | TEAM | Jaxen Anderson - grade 6 and Sawyer Ridge - grade 6 | Wash Those Hands |
| Wayne High School, Montgomery | Individual | Catherine Zbinden - grade 9 | The impact of pH on the spherification of food |