

Place	First name	Last name	Co-Author/s	Organization	Category	Project title
HM	vishnu	abboy		Jay M Robinson	MS BehavSci 1	Effects of anxiety on parental support of student's academic expectations
3rd	Bryant	Arrowood		Table Rock Middle School	MS BehavSci 1	Capture the Pest: A Behavioral Study of Ants
1st	Arjun	Kumar		Mills Park Middle School	MS BehavSci 1	How does isolation affect the academic performance of eighth grade students?
2nd	Leyla	Manser		Mills Park Middle School	MS BehavSci 1	Is It Duchenne?
3rd	Benedict	Imparato		St. Michael Catholic School	MS Bio 1	Watch Out For That Trap: Timing Venus Flytraps Exposed to Different Amounts of Light
1st	Parvathy	Unnikrishnan		Metrolina Regional Scholars Academy	MS Bio 1	The Placebo Effect's Role in Medical Research: A Study Testing the Viability of the Placebo Effect
2nd	Aarav	Vasudevan		Mills Park Middle school	MS Bio 1	Annoying Algae

1st	Bentley	Zaffino		Hanger Hall School	MS Bio 1	The Effects of a Plant-based Diet on Sleep, Perceivable Well-being, and Athletic Performance
1st	Haashini	Balasubramanian	Yashvi Kandyala	J.N. Fries Middle School	MS Bio 2	Fertilizer vs. Compost
1st	Jamie	Cheng		Mills Park Middle School	MS Bio 2	Establishing an in vitro cellular model of diabetes
2nd	Ada	Graham		Hanger Hall	MS Bio 2	The Effect of Temperature and Light on Egg Production.
3rd	Naga	Jonnavithula	Sahas Vijayabaskar	Mills Park Middle School	MS Bio 2	Effects of Light Wavelengths on Planarian Regeneration
1st	Yashvi	Kandyala	Haashini Balasubramanian	J.N. Fries Middle School	MS Bio 2	Fertilizer vs. Compost
1st	Ekansh	Bhatia	Adithya Gottimukkala	Mills Park Middle School	MS Chemistry 1	Filtering With Charcoal: Can Activated Charcoal Filter Water?
HM	Luke	Borders		East Burke Middle School	MS Chemistry 1	Acidic or Basic: What is your drinking water? A Study of pH Values in Drinking water
3rd	Audrey	Goins	Emma Roberts	Hanger Hall School	MS Chemistry 1	Comparing the Effectiveness of Popular Survival Water

						Purification Methods
1st	Adithya	Gottimukkala	Adithya Gottimukkala, Ekansh Bhatia	Mills Park Middle School	MS Chemistry 1	Filtering With Charcoal: Can Activated Charcoal Filter Water
2nd	London	Jackson	Lilah Nejezchleb	Hanger Hall	MS Chemistry 1	An Investigation into Plant Pigment Quality for Watercolor Paint
HM	Alisha	Abernathy	Miracle Covington	Table Rock Middle School	MS Chemistry 2	Sink or Float
3rd	Adyson	Allen	Macie Digh	Table Rock Middle School	MS Chemistry 2	The Incredible, Not Edible, Elephant Toothpaste
1st	Andreas	Hoimes		Mills Park Middle School	MS Chemistry 2	How Does Increasing Temperature Affect the Strength of a Magnet?
2nd	Kent	Lee		Durham Academy	MS Chemistry 2	Powering Cars with Coffee Grounds and Orange Peels
2nd	Noah	Augustin		J.N. Fries Middle School	MS Engineering and Tech 1	Are Gaming Mice With High DPI Worth Buying?
3rd	Madison	Plemons		Blowing Rock Elementary	MS Engineering and Tech 1	What type of pipe holds hot water for the

						longest amount of time.
1st	Athulya	Sathya Narayanan		Mills Park Middle School	MS Engineering and Tech 1	Green Earth - Saving or forests
2nd	Sreeja	Appala		The Brawley Middle School	MS Env Science 1	Dissolved Oxygen In Water
3rd	Eric	Chen		Mills Park Middle School	MS Env Science 1	Effects of Weather Conditions on Solar Panel Efficiency
1st	Juliet	Johnson		MCS Noble Middle School	MS Env Science 1	Battle of the Pipes
HM	Abigail	Stephens		Stanley Middle School	MS Env Science 1	Contain the Water
1st	Aadarsh	Lakshmanan		Metrolina Regional Scholars Academy	MS Env Science 2	Mask Pollution: reuse disposable masks to reduce waste
3rd	Rutwa	Patil		Metrolina Regional Scholars Academy	MS Env Science 2	Plants Chance in Greywater to Advance. Can greywater be used for growing plants?
1st	Giorgio	Sayde		Mills Park Middle School	MS Env Science 2	How does excess water affect the loss of nutrients in the root zone?
2nd	Madhumita	Thuppanna		Mills Park Middle	MS Env Science 2	Perfect Worm Composting: How Does Moisture

						Levels Affect Composting
1st	Ankit	Biswas		Metrolina Regional Scholars Academy	MS Math/CompSci/Engineering and Tech 1	Spaceflight's Lurking Curse-Developing Guidelines for The Mitigation of Launch Vehicle Carbon Dioxide Emissions
1st	Aidan	Carner		Mills Park Middle School	MS Math/CompSci/Engineering and Tech 1	Blind People Playing Table Tennis Video Game
1st	Sakhyata	Gurram		Alston Ridge Middle School	MS Math/CompSci/Engineering and Tech 1	SkinSPECT: A Novel Convolutional Neural Network and Deep Learning Model to Detect the Early Onset of Skin Cancers
1st	Kate	McKenzie	Katelyn Morgan	Blowing Rock School	MS Math/CompSci/Engineering and Tech 1	Chill Out
2nd	Maira	Siddiqui		IB Brawley middle school	MS Math/CompSci/Engineering and Tech 1	How much radiation is emitted by different electronics
1st	Sejal	Solkhan		Mills Park Middle School	MS Math/CompSci/Engineering and Tech 1	Do speed, size, and temperature affect if an ev3 ultrasonic sensor can

						detect an object?
2nd	Jackson	Boucher	Dhiviraju Gangaraju	Mills Park Middle School	MS Physics 1	Particularly Solar Panels
3rd	Hunter	Mascroft		East Burke Middle School	MS Physics 1	Spish Splash- The Study on the Effect of Plumbing Layout on Water Pressure and Flow
1st	Ansh	Menghani		Mills Park Middle School	MS Physics 1	Chilled Battery - How can we improve the efficiency of lithium-ion batteries in cold temperatures?