

## 2024 Piedmont Region III Science Fair

### Elementary Winners

Category		First Name	Last Name	Project Title	School
<b>BIO</b>	1st	Lorelai	Urps	Doggy Kisses?	Woodruff Elementary School
	2nd	Lorelei	Storm	Life in Different Kinds of Water	Westview Elementary School
	3rd	Max	Kuronya	Runoff Revelations	River Ridge Elementary School
	HM	Brianna	McGuire	Bent not Broken	Boiling Springs Elementary School
	HM	Devyn	McIlwain	How does the size of a bird's beak affect what type of food it eats?	Oakdale Elementary School
	HM	Amiyah	Barnette	How does the shape of a bird's beak affect what size seed it can eat?	Oakdale Elementary School
<b>BSS</b>	1st	Beau	Lancaster	Dog's Paw Preference	Anderson Mill Elementary School
	2nd	Niamh	Sumner	Musical Memories and Emotions	River Ridge Elementary School
	3rd	Janie	Beech	What Type of Cat Toy do Cats Like Best?	Shoally Creek Elementary School
	HM	Camden	Huxter	AGEVS Reaction Time	Shoally Creek Elementary School
	HM	Jackson	Green	Does a Pillow Matter?	Lyman Elementary
	HM	Quinn	Whitaker	Food vs Sleep, Happy Resting!	River Ridge Elementary School
<b>CHM</b>	1st	Charlie	Benjamin	Mixing Sugar, Salt, and Milk with Gelatin to Find the Strongest	Fairforest Elementary School
	2nd	Laila	Ford	Can a Liquid Change the Size of a Gummy Bear?	Roebuck Elementary School
	3rd	Alexandra	Dezern	Which Liquid Melts Ice Cubes the Fastest?	Roebuck Elementary School
	HM	Anthony	Martinez-Ballestros	Cola or Diet Cola: Which Explosion is Bigger?	Fairforest Elementary School
	HM	Ryan	Matz	Crystallize, Crystallize, Crystallize!	Woodruff Primary School
	HM	Emmalee	Shields	The Big Bread Breakdown	Classical Conversations Downtown Spartanburg
<b>GEN</b>	1st	Sam	Pattillo	Fruits and Veggies are Powerful	Chesnee Elementary School
	2nd	Sia	Jit	Which Drinks Affect Your Teeth	Green Charter School of Spartanburg
	3rd	Lily	Stewart	What is a Solar Oven?	Westview Elementary School
<b>MCS</b>	1st	Norah	Galloway	Which paper airplane flies the farthest?	Boiling Springs Elementary School
	2nd	Ryver	Gray	Which Bat Hits Farthest?	Shoally Creek Elementary School
	3rd	Ishaan	Walia	Does the weight of a rubrik's cube affect solve time?	Boiling Springs Elementary School
	HM	Locklyn	McLean	Can Artificial Intelligence Determine if Faces are Happy or Sad?	Shoally Creek Elementary School
	HM	Turner	McAbee	What's Popping	Chesnee Elementary School
	HM	Aldon	Threadgill	The Big Bubble	Boiling Springs Elementary School
<b>PHY</b>	1st	Kate	Nappier	Tap into the Ultimate Temperatures	River Ridge Elementary School

	2nd	Kimber	Amos	How does the type of dog food affect the absorption of water when added?	Oakdale Elementary School
	3rd	Maris	Freestone	The Amazing World of Wind & Kites	Anderson Mill Elementary School
	HM	Hanna	Spence	What Type of Paper Can Stand Pencil the Longest?	Roebuck Elementary School
	HM	Brooks	Krajel	What's the Fastest Way to Cool a Can of Soda?	Lyman Elementary
	HM	Mason	Hall	Which Rubber Band Produce More Kinetic Energy?	Green Charter School of Spartanburg

### Middle Grades Winners

Category				Project Title	School
<b>BIO</b>	1st	Nora	Pennington	Can a plant survive on Mars?	Spartanburg Day School
	2nd	Brinley	Hickson	Tylenol's Solubility	Saluda Trail Middle School
		Kyndall	Collins		
	3rd	Elizabeth	Storm	Life in a Puddle	Westview Elementary School
	HM	Jamison	Stoehr	How Does Salinity Affect Photosynthesis in Plankton?	L.E. Gable Middle School
	HM	Mccord	Redmond	How will using different baits/lures affect the total weight of the fish caught?	Sullivan Middle School
	HM	Dani	Mitchell	Paw Prints on My Heart	Shoally Creek Elementary School
<b>BSS</b>	1st	Claire	Sandifer	Does Age Affect Reaction Time/	Jesse Bobo Elementary School
	2nd	Avery	Morlino	The Stroop Effect	Fairforest Middle School
	3rd	Rose	Wall	Does listening to certain genres of music while studying affect memory test results?	Spartanburg Day School
	HM	Alivia	Pianella	Does He See What She Sees?	Anderson Mill Elementary School
	HM	Avery	Pianella	Testing Online vs Paper/Pencil	L.E. Gable Middle School
	HM	Avery	Owens	Does Color Affect Taste?	Shoally Creek Elementary School
<b>CHM</b>	1st	Charlee	Winesett	What soap removes grease better?	Boiling Springs Elementary School
	2nd	Kaydence	Williams	What makes ice melt the fastest?	Saluda Trail Middle School
	3rd	Jairo	Cruz Zepeda	Which Egg's Color Turns to Silver?	Jesse Bobo Elementary School
	HM	Lilla	Langley	How does changing the type of flour affect chocolate chip cookies?	Spartanburg Day School
	HM	Devon	McManus	Acidity of Juices	Saluda Trail Middle School
	HM	Isaiah	Mobley		
	HM	Kobe	Johnson	What Makes an Unpoppable Balloon	Anderson Mill Elementary School
<b>GEN</b>	1st	Sohana	Jit	5 Second Rule?	Green Charter School of Spartanburg

	2nd	Elijah	Starr	Peppermint Destroyer	Limestone Central Elementary School
		Jaxon	Wade		
	3rd	Colt	Conn	Does Changing a Variable Affect the Popping of Popcorn?	L.E. Gable Middle School
	HM	Alexandra	Hopkins	Lemon Batteries vs Store Bought Batteries	Saluda Trail Middle School
		Reina	Melgarejo		
	HM	Allisen	Kerber	Which Snap Cube Spinner Will Last The Longest?	Saluda Trail Middle School
		Jayden	Catoe		
	HM	Javi	Amengual	Which liquid makes gummy worms grow?	Boiling Springs Elementary School
<b>MCS</b>	1st	Harper	Garrett	Is the Birthday Paradox True?	Roebuck Elementary School
	2nd	Aubrey	Shealy	Crunching the Numbers	Woodruff Elementary School
	3rd	Caroline	Dills	What Number is Rolled the Most When Throwing Dice	Rawlinson Road Middle School
		Ja'Honor	Pennell		
	HM	Peyton	Davis	Orange You Glad We Shop Organic.... Or Not?	Mayo Elementary School
	HM	Grant	Pattillo	What Solution Rose to the Occasion?	Chesnee Elementary School
	HM	Max	Tobias	Battle of the M&Ms	Anderson Mill Elementary School
<b>PHY</b>	1st	James	Benjamin	Which Height on a Milk Jug Will Flow the Farthest?	Fairforest Elementary School
	2nd	Alejandro	Zavala	Basketball PHY	Limestone Central Elementary School
	3rd	Nathanael	Baughman	Will The Hot Wheel Car Go Farthest With More Washers?	Rawlinson Road Middle School
	HM	Armour	Milner	Which golf ball travels the furthest?	Spartanburg Day School
	HM	Nathan	Lockley	Broad Bridges	Saluda Trail Middle School
		Jakub	Haas		
	HM	Maddox	Hampton	How Do Magnets Change the Speed of a Ball?	Fairforest Elementary School

### High School Winners

Category			First Name	Project Title	School
<b>BIO</b>	1st	Abigail	Hodge	How Does the pH of Water Affect the Growth of Plants?	James F. Byrnes High School
	2nd	Yancy	Patel	How does burning soil for different amounts of time affect the growth of Raphanus sativus (radish)?	Dorman Freshman Campus School
		Zahra	Kapasi		
	3rd	Isabella	Pellegrino	Acid Affects Seed Growth	James F. Byrnes High School
	HM	Hagen	Howard	How Does Acid Rain Effect Germination of a Seed	James F. Byrnes High School
		Caleb	Massey		

	HM	Madelyn	Moore	How do the nutrients of vermicompost compared to compost affect the growth of Tulipa spp (tulip)?	Dorman Freshman Campus School
		Sophie	Melchor Contreras		
CHM	2nd	Nila	Radfar	How do the pH levels differentiate between different leaf pigments during their peak color changing season?	Dorman Freshman Campus School
		Lucy	Burns		
BSS	1st	Savannah	Davis	If people prefer AI-generated images over real paintings, what effect will this have on jobs?	Dorman Freshman Campus School
		Silver	Page		
GEN	2nd	Gracyn	Kinley	Spicy Ecoli	James F. Byrnes High School
	HM	Emmaline	Howard	Uranium Runoff	James F. Byrnes High School
		Lily	Fletcher		
	HM	William	Womack	How does the durability of a 3D-printed phone case compare to a traditional phone case?	Dorman Freshman Campus School
		Corben	Punch		