

2018 Piedmont Region III Science Fair

Elementary Winners

Category		First Name	Last Name	Project Title	School
BIO	1st	Brice	Krydinski	What Type of Food Do Crickets Prefer?	Jesse Boyd Elementary School
	2nd	Cameron	Brown	Detecting Flavors with Taste and Smell	Pine Street Elementary School
	3rd	Abigail	Johnson	A Rainbow Garden	River Ridge Elementary School
	HM	Bratton	Harris	What Attracts Ants	Fairforest Elementary School
	HM	Jayden	Bedford	Handwashing	Blacksburg Elementary School
	HM	Kristian	Edwards	Pansies	Oakdale Elementary School
BSS	1st	Lucas	Helle	Does the Net Make a Difference When Shooting Free Throws?	Fairforest Elementary School
	2nd	Danica	Fischer	What Works Better? Hand Sanitizer or Soap?	Fairforest Elementary School
	3rd	Cherice	Dawkins	Which Food Do Dogs Prefer, Wet or Dry?	Pine Street Elementary School
	HM	Layla	Earnhardt	Does twice as much money last twice as long?	Cannons Elementary School
	HM	Emma	Osborne	Does Singing Help Us to Remember?	Shoally Creek Elementary School
	HM	Ellison	Sellers	Are most dogs right pawed or left pawed?	Boiling Springs Elementary School
CHM	1st	Lela	Morris	Mineral rock	Oakland Elementary School
	2nd	Jackson	Kessinger	How Spices are affected by Static Electricity	River Ridge Elementary School
	3rd	Laney	Morris	Stop, Think before You Drink	River Ridge Elementary School
	HM	Julianne	Kuhn	What Substance Will Cause the Ice to Melt the Fastest?	Fairforest Elementary School
	HM	Abby	Bishop	Cupcake Catastrophe? Do you really need all of the ingredients when you are baking cupcakes?	Boiling Springs Elementary School
	HM	Kyra	Kemp	Glowstick Science	Meeting Street Academy
GEN	1st	Molly	Bryant	The Mystery of a Color's Temperature	Pine Street Elementary School
	2nd	Taylor	Martin	DIY Cup Anemometer	Woodruff Elementary School
	3rd	Chase	Ledbetter	Does Temperature Affect How High a Bouncy Ball Will Bounce?	New Prospect Elementary School
	HM	Christian	Waring	What's Poppin?	Westview Elementary School
	HM	Jaiona	Johnson	Hot Water	Oakdale Elementary School
	HM	Izzy	Brown	Enzymes In, Stains Out!	River Ridge Elementary School
MCS	1st	Emily	Oswald	Who Lives Longer?	Chesnee Elementary School
	2nd	Diana	Flores	Children vs. Adults	Westview Elementary School
	3rd	Will	Burgess	Don't Let the Big One Get Away	Anderson Mill Elementary School
	HM	Olivia	Lord	Does the Charms in a Cereal Box Come in the Same Amount?	Shoally Creek Elementary School
	HM	Emily	Garrett	Which Light Will Stay Brighter	Cooley Springs-Fingerville Elementary School
	HM	Ben	Reese	Which cube design can be solved faster, checkerboard or fish design?	Boiling Springs Elementary School
PHY	1st	Michael	Wade	Egg Strength	Oakdale Elementary School
	2nd	Logan	Neely-Habegger	Steam Powered Rocket Boat	River Ridge Elementary School
	3rd	Savannah	Fife	Does the texture of the windmill blade affect the amount of wind?	St Paul the Apostle Catholic School
	HM	Jesse	McCullough	Make The Wind Work For You!	Clifdale Elementary School

	HM	Cason	Crisp	Which Cup Can Keep It Cool?	Anderson Mill Elementary School
	HM	Meg	Rousseau	Sticky Situation	Anderson Mill Elementary School
Middle Grades Winners					
Category		First Name	Last Name	Project Title	School
BIO	1st	Ashley	Evans	Scrambled Science	Roebuck Elementary School
	2nd	Isabella	Revels	How Does the Color of Light Affect How Much Energy is Transferred Through Wavelengths to Chlorophyll in Basil Plants	Saluda Trail Middle School
	3rd	Matt	McLeskey	How Does the Type of Agriculture Affect How Much Juice is in 2 lbs of Lemons?	L.E. Gable Middle School
	HM	Maggie	Pryor	What coffee stains teeth the most?	Saluda Trail Middle School
		Emma	Hudspeth		
	HM	Cadence	Meyer	Caffeine and Plant Growth	Gaffney Middle School
	HM	Julia	Karriker	What is the Most Effective Ant Killer for the Red Fire Ant?	Village School of Gaffney School
BSS	1st	Whitney	Bishop	What factors influence votes in a presidential election?	Blacksburg Middle School
		Skyla	Martin		
	2nd	Lizzie	Sarratt	Shape Your Brain	Granard Middle School
	3rd	Cameron	Bailey	Which body part is most sensitive?	Roebuck Elementary School
	HM	Samantha	Acker	Does the Bouba-Kiki Effect Affect the "Sounds" Shapes Make in Our Head?	L.E. Gable Middle School
	HM	Makenzie	Camp	What genre of dance burns the most calories?	Woodland Heights Elementary School
	HM	Madisyn	Byers	Is Smiling Contagious?	Jesse Bobo Elementary
CHM	1st	Youjaye	Daniels	Can Cows Produce Plastic?	Saluda Trail Middle School
		Kiah	Honeycutt		
	2nd	Jacob	Blair	Does Fabric Softener Affect the Flammability of Fabric?	Granard Middle School
	3rd	Darby	Blanton	It's Getting Hot In Here	Gaffney Middle School
	HM	Christopher	Switzer	Spread the Soap, Not the Germs	Saluda Trail Middle School
	HM	Colin	Winkler	Powerful Polymers	Pine Street Elementary School
	HM	Cortlyn	Phenicie	Which drink has the most electrolytes?	Blacksburg Middle School
GEN	1st	Benjamin	Polchow	HOW COOL IS THE ECLIPSE?	R.P. Dawkins Middle School
	2nd	Caleb	Harrill	Where Is My Wi-Fi Signal?	Granard Middle School
	3rd	Jaiden	Nolan	Which liquid damages your teeth the most?	Roebuck Elementary School
	HM	Ella Burklee	Lancaster	How does the SPF Number Affect the Amount of Protection?	L.E. Gable Middle School
	HM	Jackson	Peeler	How Does the Cost of a Diaper Affect the Amount of Liquid it can Hold?	L.E. Gable Middle School
	HM	Georda	Foley	Energizer vs Duracell	Oakbrook Prep School
MCS	1st	Will	Wilkins	A Precise Device?	Granard Middle School
	2nd	Dylan	Riddlespurger	The Science Behind a Baseball Bat: Different Materials for Different Results	Granard Middle School
	3rd	Molly	Hutto	The Birthday Paradox	Saluda Trail Middle School
		Ryleigh	Weese		

	HM	Tyler	Camara	How Does the Length of the Cable Affect the Signal on your TV?	L.E. Gable Middle School	
PHY	1st	Mark	Coolidge	Which Material Interferes Most with a Wifi Signal?	Berry Shoals Intermediate School	
	2nd	Riley	Foster	Weighing in on the relationship between amount of air used and buoyancy when scuba diving	Blacksburg Middle School	
	3rd	Benjamin	McCall	How does the type of liquid affect how far the car will go?	Saluda Trail Middle School	
	HM	Andy	Ratteree	How does friction affect a beyblade?	Pauline-Glen Springs Elementary School	
	HM	Katalina	Peirce	Which wind turbine rotor can do the most work?	Pine Street Elementary School	
	HM	Collin	Sadler	Marvelous Meshes	Classical Conversations of Taylors	
High School Winners						
Category		First Name	Last Name	Project Title	School	
BIO	1st	Luke	Hulsey	At What Temperatures will the House Cricket (Acheta domesticus) and the Banded Cricket (Gryllodes sigillatus) be Most Accurate and Which Cricket will be More Accurate and Precise?	Dorman Freshman Campus School	
		David	Jones			
		Conner	Yeisley			
	2nd	Natalie	Pickren	Naturally Better	Byrnes High School School	
	HM	Heena	Patel	The Effect of Glyphosphate on the Height of Pea Plants	Byrnes High School School	
BSS	1st	Kalika	Bridwell	True Colors	Byrnes High School School	
	2nd	Sharon	Reyes	All Dressed Up	Byrnes High School School	
CHM	1st	Vivian	Pelligrino	What Effect Does the pH of a Solution Have on the Growth of a Possible Cancer Linked Fungi Candida Albicans?	Dorman Freshman Campus School	
		Ty	Nelson			
		Nathan	Diehn			
	2nd	Ethan	DiBlasio	The Science of Elephant Toothpaste	Byrnes High School School	
GEN	1st	Elaine	Bessinger	Which Lather is Rather Drying?	Byrnes High School School	
	2nd	Katie	Spurling	An Investigation into Geothermal Energy and the Change in Temperature	Byrnes High School School	
MCS	1st	Jackson	Councilman	How Many of a Random Selection of Dice can be Proven to be Fair Using the Chi Square Test?	Dorman Freshman Campus School	
		Whit	Theo			
		Kiera	Sanchez			
PHY	1st	Cole	Jenkinson	How does launch angle affect the range and time of flight of paintball ballistics?	Dorman Freshman Campus School	
		Wesley	Bishop			
		Bowen	Gault			
	2nd	Eva	Hinkleman	Dirty Water? Don't Fret: Solar Disinfect	Fort Mill Area Homeschoolers	

	HM	Bowen	Merck	How quickly does a Fresnel collector, made of a Fresnel lens from a projection TV, change the physical state of Dutch Boy Lead Free wire solder, aluminum, brass, and copper?	Dorman Freshman Campus School	
		Carstin	Williams			
	HM	Jacob	Lockhart	What shape best supports weight being added to a bridge?	Dorman Freshman Campus School	
		Clayton	Simpson			
		Thorpe	Jacob			

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Special Awards

Award Title	First Name	Last Name	Project	School
American Meteorological Society Award	Taylor	Martin	DIY Cup Anemometer	Woodruff Elementary School
American Meteorological Society Award	Benjamin	Polchow	HOW COOL IS THE ECLIPSE?	R.P. Dawkins Middle School
American Psychological Association Award	Kalika	Bridwell	True Colors	Byrnes High School School
Association of Women Geoscientists Award	Katie	Spurling	An Investigation into Geothermal Energy and the Change in Temperature	Byrnes High School School
ASU Walton Sustainability Solutions Initiatives	Eva	Hinkleman	Dirty Water? Don't Fret: Solar Disinfect	Fort Mill Area Homeschoolers
ASU Walton Sustainability Solutions Initiatives	Natalie	Pickren	Naturally Better	Byrnes High School School
Genius Award	Kalika	Bridwell	True Colors	Byrnes High School School
Mu Alpha Theta Award	Jackson	Councilman	How Many of a Random Selection of Dice can be Proven to be Fair Using the Chi Square Test?	Dorman Freshman Campus School
	Whit	Theo		
	Kiera	Sanchez		
NASA Earth System Science Award	Katie	Spurling	An Investigation into Geothermal Energy and the Change in Temperature	Byrnes High School School
NOAA Award	Eva	Hinkleman	Dirty Water? Don't Fret: Solar Disinfect	Fort Mill Area Homeschoolers
National Audubon Society Award	Grace	Connor	What type of suet do S.C. birds prefer?	Woodland Heights Elementary School
National Audubon Society Award	Luke	Hulsey	At What Temperatures will the House Cricket (Acheta domestica) and the Banded Cricket (Gryllodes sigillatus) be Most Accurate and Which Cricket will be More Accurate and Precise?	Dorman Freshman Campus School
	David	Jones		
	Conner	Yeisley		
National Audubon Society Award	Joszaleigh	Gibson	Why do Pinecones open and close?	Cowpens Elementary School
National Audubon Society Award	Grace	Ross	Is creek water safe for canine consumption?	Blacksburg Middle School
National Audubon Society Award	Jamauri	Campbell-Foster	Seeds & Germination: What does a seed need to grow?	Woodland Heights Elementary School
National Audubon Society Award	Connor	Davis	Which Bird Feeder do Birds Prefer?	Woodruff Elementary School
Navy Projects Middle	Riley	Foster	Weighing in on the relationship between amount of air used and buoyancy when scuba diving	Blacksburg Middle School
Navy Projects Middle	Colby	Edwards	WHAT ABSORBS OIL SPILLS THE BEST?	R.P. Dawkins Middle School
Navy Projects Middle	Madison	Whitlock	Is Technology Ruining Our Language?	Oakbrook Prep School
Navy Projects Middle	Meera	Patel	Sunny With A Chance of Acids	Springfield Middle School
Navy Projects Middle	Anna Marie	Jones	Comparing growth of plants grown under incandescent and compact fluorescent light bulbs	Blacksburg Middle School
Navy Projects Middle	Tyler	Camara	How Does the Length of the Cable Affect the Signal on your TV?	L.E. Gable Middle School
Navy Projects SR High	Eva	Hinkleman	Dirty Water? Don't Fret: Solar Disinfect	Fort Mill Area Homeschoolers
Navy Projects SR High	Bailey	Reeves	Burnin' Metal	Byrnes High School School
Spartanburg Science Center Award	Grace	Ross	Is creek water safe for canine consumption?	Blacksburg Middle School
Spartanburg Science Center Award	Julia	Karriker	What is the Most Effective Ant Killer for the Red Fire Ant?	Village School of Gaffney School
Spartanburg Science Center Award	Andy	Ratteree	How does friction affect a beyblade?	Pauline-Glen Springs Elementary School
Spartanburg Science Center Award	Brantley	Metcalf	IS A PERSON'S CAREER CHOICE INFLUENCED BY THEIR PARENTS' CAREERS?	R.P. Dawkins Middle School
	Bella	Crist		

US Air Force	Eva	Hinkleman	Dirty Water? Don't Fret: Solar Disinfect	Fort Mill Area Homeschoolers
US Air Force	Bailey	Reeves	Burnin' Metal	Byrnes High School School
US Air Force	Jackson	Councilman	How Many of a Random Selection of Dice can be Proven to be Fair Using the Chi Square Test?	Dorman Freshman Campus School
	Whit	Theo		
	Kiera	Sanchez		
US Air Force	Vivian	Pelligrino	What Effect Does the pH of a Solution Have on the Growth of a Possible Cancer Linked Fungi Candida Albicans?	Dorman Freshman Campus School
	Ty	Nelson		
	Nathan	Diehn		
US Metric System Award	Isabella	Revels	How Does the Color of Light Affect How Much Energy is Transferred Through Wavelengths to Chlorophyll in Basil Plants	Saluda Trail Middle School
Water Environment Association of South Carolina	Zabrina	Tollison	Ice Hot	Byrnes High School School
Water Environment Association of South Carolina	Grace	Ross	Is creek water safe for canine consumption?	Blacksburg Middle School
Stockholm Jr.	Eva	Hinkleman	Dirty Water? Don't Fret: Solar Disinfect	Fort Mill Area Homeschoolers
Yale Science and Engineering Association Award	Heena	Patel	The Effect of Glyphosphate on the Height of Pea Plants	Byrnes High School School