

Phenix City Schools
2023 Science Fair Winners
Senior Division

Medicine				
1st	Daniel Guzman, Briana Lara	Heart and Music	Medicine/Health/ Translational Medical Science	Rey
2nd	Jessica Griggs, Kylan Moulton	Rethink your Drink	Medicine/Health/ Translational Medical Science	Rey
3rd	Sumbry, Lamya	Music For the Mind: How Music Affects the Memory	Medicine/Health/ Translational Medical Science	Rabinowitz
Energy				
1st	Christopher McCain	Honors Physical Science	Batteries, Temperature, and Shelf Life	Hughes
2nd	Aiyanna Brown	Honors Physical Science	Improved Solar Desalination Device	Hughes
3rd	April Cook	Physical Science	Corrosive Heat	Banks
Behavioral				
1st	Alana Jean	The effect age has on fear	Behavioral and Social Sciences	Rey
2nd	Tayle (Jae) Guthrie	How susceptible to subliminal suggestions are we?	Behavioral and Social Sciences	Halvorson
3rd	Callie Schofield	Extrovert vs introvert in short term memory loss	Behavioral and Social Sciences	Rey
Chemistry				
1st	Nisirr McMiller	catalase in potatoes	Chemistry	Ramirez
2nd	Silvia Aquilar Paiz	Color vs Temperature	Chemistry	Suchman
3rd	Brennan Parks	Reactivity: A Way to End Rust	Chemistry	Suchman

Animal/Plant				
1st	Miguel Lopez, Crystal Lopez	The effect of soil brand on plant growth	Animal/Plant/Computational Science/Bioinformatics	Rey
2nd	Candice Brown	Do various liquids have an effect on plant growth?	Animal/Plant/Computational Science/Bioinformatics	Halvorson
3rd	Brianna Lawson	Which type of grass seed grows the fastest?	Animal/Plant/Computational Science/Bioinformatics	Halvorson
Microbiology				
1st	Libby Goodman, Madison T. Jones	Bacterial Girls	Cellular/Molecular/Microbiology/Biochemistry	Suchman
2nd	Timothy Jarrell, Olivia Hicks	The effect of cinnamon essence on the presence of microbes	Cellular/Molecular/Microbiology/Biochemistry	Rey
3rd	Mariah Harrison	What Grows in Plain Sight?	Cellular/Molecular/Microbiology/Biochemistry	Hughes
Engineering				
1st	Marshall Wyrick	Arthur the Object Following Robot	Engineering Mechanics	Ninas
2nd	Landon Beaver	Hero Pillow Case V2	Engineering Mechanics	Ninas
3rd	Jabari Thomas	Zipper Holder	Engineering Mechanics	Ninas
Physics				
1st	Seth Verterano	Punching Power	Physics/Astronomy/Mathematics/Materials Science	Rey
2nd	Rylee Carroll	Which bat has the most velocity when the ball hits?	Physics/Astronomy/Mathematics/Materials Science	Halvorson
3rd	Andrew Colton	Which glue has the best adhesive strength?	Physics/Astronomy/Mathematics/Materials Science	Halvorson

Material Science				
1st	Eliseo Gonzalez, Nicholas Sasser	Effects of EVOH on Polypropylene's Mechanical Properties	Physics/Astronomy/Mathematics/Materials Science	Ninas
Earth/Environmental				
1st	Brennan Rey	The effect of rust on the growth of plants	Earth and Environmental Sciences	Rey
2nd	Tyler Robinson	Water Filtration	Earth and Environmental Sciences	Hughes