

Southeast Region 2 Science & Engineering Fair

Elementary Exemplary Awards

Title: *Wind Power*
Student: Gabrielle Davis
School: Wrightsboro Elementary

Title: *Sweet and Salty Dreams - Will Taste Affect Human Heart Rate?*
Students: Davidson Good & Joshua Robertson
School: Home School

Title: *The Plastic Pollutant*
Student: Jillian Green
School: Holly Tree Elementary

Title: *Can Native Nuts and Plants Produce Vibrant Dyes?*
Student: Lillian Rousey
School: Burgaw Elementary

Title: *Which Method Ripens Fruits the Fastest?*
Student: Farhan Sanukri
School: Codington Elementary

Title: *H₂O Christmas Tree*
Student: Weston Smith
School: Wallace Elementary

Title: *Growing Plants in Garbage?*
Student: Jenna Steele
School: Banks Elementary

Title: *Hot or Not: Does Beach Nourishment Affect Sand Temperatures?*
Students: Owen Williams & Regan Williams
School: Parsley Elementary

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Junior Biological A

Third Place:

Title: *Which Rose Lasted the Longest?*
Student: Kaiya Carter
School: Cape Fear Center for Inquiry

Second Place:

Title: Sugar Busters
Student: Kellan Doyle
School: Williston Middle

First Place:

Title: *More Triclosan-Resistant Bacteria Are Found Farther from the Wastewater Treatment Plant than Expected*
Student: Kasey Kiser
School: St. Mary Catholic School

Junior Biological B

Third Place:

Title: *"Book Smarts?"*
Student: Richard Hernandez
School: Greene County Middle

Second Place:

Title: *The Stroop Effect vs. Age*
Student: Amari' Walker
School: West Pender Middle

First Place:

Title: *Color's Effect on Memory*
Students: Bonnie Beck & Alice Summit
School: Cape Fear Center for Inquiry

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Junior Chemistry

Third Place:

Title: *The Corrosion Resistance!*
Student: Natalie Dail
School: Woodington Middle

Second Place:

Title: *Doggy Diet*
Student: Grace Yando
School: Shallotte Middle

First Place:

Title: *Does Reducing the Surface Tension Make a Better Bubble Solution?*
Student: Taylor Punzalan
School: St. Mark Catholic School

Junior Earth/Environmental Science

Third Place:

Title: *Water Conservation: Greywater Handwashing at Home*
Student: River Carroll
School: New Bridge Middle

Second Place:

Title: *Rock Salt Science*
Student: Jada Strickland
School: Greene County Middle

First Place:

Title: *How Do Household Cleaning Chemicals Affect Freshwater Marine Life?*
Student: Bailey MacVaugh
School: St. Mark Catholic School

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Junior Physics/Math

Third Place:

Title: *Increasing the Luminous Power of Street Lampposts Through the Physics of Light*
Student: Stefan Falso
School: Cape Fear Center for Inquiry

Second Place:

Title: *Can You Hear Me Now?*
Student: Riley Stone
School: Trexler Middle

First Place:

Title: *How Solid Materials in Water Affect Cooling*
Student: Susie Cantonwine
School: St. Mary Catholic School

Junior Technology

Third Place:

Title: *Helping Hands Bot*
Students: Elizabeth Elder, Megan McCormack & Sky Simmons
School: St. Marks Catholic School

Second Place:

Title: *Different Strokes for Different Folks*
Student: Zade Kharbat
School: Roland Grise Middle

First Place:

Title: *Let the Sun Shine to Power Your Ride!*
Student: Brady Martin
School: Woodington Middle

Southeast Region 2 Science & Engineering Fair

Junior Engineering

Third Place:

Title: *Saving Lives with Solar*
Student: Kiera Draffen
School: St. Mark Catholic School

Second Place:

Title: *The Infrared Car Detector 2*
Student: Jake Bleck
School: Morehead City Middle

First Place:

Title: *Examination of a Microbial Fuel Cell's Electrical Power Output*
Student: Michelle Lamas
School: St. Mark Catholic School

Senior Biological A

Third Place:

Title: *pH, Caffeine, and Bacteria*
Student: Hanbin Koo
School: Charles B. Aycock High

Second Place:

Title: *Party in the Dark- Caterpillar*
Student: Jacob Haddock
School: The Epiphany School of Global Studies

First Place:

Title: *Specific Chemical Compounds of Taraxacum officinale Fighting Escherichia coli*
Student: Matthew Clayton
School: The Epiphany School of Global Studies

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Senior Biological B

Third Place:

Title: *Protein Problem*
Student: Zachary Mott
School: Charles B. Aycock High

Second Place:

Title: *Can Aloe Juice Save Strawberries from Mold?*
Student: Charlie Krysiak
School: The Epiphany School of Global Studies

First Place:

Title: *Lightning in a Bottle: The Effect of Plasma Activation on Muscle Cells*
Student: Nathan Kinsey
School: Eugene Ashely High

Senior Chemistry

Third Place:

Title: *The Electrolyte Challenge*
Students: Bailey Spell & Logan Spell
School: Clinton High

Second Place:

Title: *Are Sweet Potatoes A Better Bioplastic Alternative?*
Student: Caroline Foy
School: Wayne School of Engineering

First Place:

Title: *A Good Way to Let Off Steam?*
Student: Ian Green
School: E.A. Laney High

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Senior Earth/Environmental Science

Third Place:

Title: *Purifying Water: Cheap?*
Student: Samuel Grady
School: The Epiphany School of Global Studies

Second Place:

Title: *Mud: Future Energy?*
Student: Brandon Scarberry
School: The Epiphany School of Global Studies

First Place:

Title: *Contaminants of Emerging Concern: Assessment of Compounds in Wastewater & Runoff on Cell Function*
Student: Elizabeth Kinsey
School: Eugene Ashley High

Senior Physics/Math

Third Place:

Title: *You Gotta Give Me Props*
Student: Elise Smith
School: Clinton High

Second Place:

Title: *Transforming Voltages: The Effect of Coil Windings on the Output Voltage of Transformers*
Student: Hannah Williamson
School: Wayne School of Engineering

First Place:

Title: *Rippling Rates*
Students: Lindy Bustabad & Katey Yang
School: Clinton High

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Senior Technology

First Place:

Title: *The Generation of Electrical Current by the use of Piezoelectric Crystals*
Student: Bader Kharbat
School: Isaac Bear Early College High

Senior Engineering

Third Place:

Title: *Strengthening School Passwords*
Students: Brian Carrington, Mason Meza & William Price
School: Richlands High

Second Place:

Title: *What's Behind the Ping? The Role of Engineering in the Design of Golf Clubs*
Student: Joseph Foy
School: Wayne School of Engineering

First Place:

Title: *Factors of Microbial Fuel Cell Design Affecting Electricity Generation*
Students: Ryan Gray & Andrea Lamas-Nino
School: Isaac Bear Early College High