

Upper East Tennessee Science Fair
held Virtually in May, 2021
through ETSU, Johnson City, TN

Co-sponsored by Johnson City Kiwanis Club and
East Tennessee State University

General Categories for Judging
Grades: 4th 5th 6th 7th 8th
Biological Sciences and Physical Sciences

\$100 First Prize \$50 Second Prize \$25 Third Prize
to three Biological Science and three Physical Science
entries in each grade (4th through 8th) with “Ribbons”

4th Grade Biological Category

1st Prize: Braxton Lowry Ashley Academy
 “Don’t Worry, Be Happy – Does Weather affect our Mood?”
2nd Prize: Zia Ross Ashley Academy
 “My Plant’s Playlist” – Does Music affect Plant Growth?
3rd Prize: Carson Champney St. Mary’s Catholic School
 “Growing Up in a Toxic World” – Does Acidity affect Plant Growth?

4th Grade Physical Category

1st Prize: Brinkley Harris Towne Acres Elementary School
 “Toilet Paper Shortage?” – Best Alternative for Toilet Paper
2nd Prize: Bristol Bush St. Dominic Catholic School
 “Gel Electrophoresis” – Separating Colors (molecules) with an Electric Field
3rd Prize: Violet Hoover Ashley Academy
 “Kiln It Take the Heat?” – Behavior of Materials at Various Kiln Temperatures

5th Grade Biological Category

1st Prize: Thomas Klosterman Ashley Academy
 “The Turing Tests” – Is It a Human or Computer Communicating?
2nd Prize: Marcus Snyder Ashley Academy
 “Grow or Do Not Grow” – Effect of pH on Plant Growth
3rd Prize: Aidan Bellino St. Dominic Catholic School
 “The Death of a Hotdog” – Material Effect on Decomposition

5th Grade Physical Category

1st Prize: Travis Glisson Ashley Academy
 “Don’t Take Your Headstone for Granite” – Which Rock Weathers the Best
2nd Prize: Michael Reinhardt St. Dominic Catholic School
 “Flow of Liquid in Porous Media” – Fluid Viscosity with Paper Towel
3rd Prize: Dina Dabney Ashley Academy
 “The Popcorn Mystery” – Does Kernel Size affect Popping Efficiency

6th Grade Biological Category

- 1st Prize: Alexis Cunningham Providence Academy
“Face Mask Air Hunger: Surrounded by Oxygen and Starving for Air”
- 2nd Prize: Reagan Niesen St. Mary’s Catholic School
“How Plants React when put in Different Climates”
- 3rd Prize: Wyatt Cohan Ashley Academy
“Smell Effect” – Do Smells affect Human Physiology

6th Grade Physical Category

- 1st Prize: Jude Lawson St. Mary’s Catholic School
“Covid Blockers” – Which Mask Material Blocks Aerosols Best
- 2nd Prize: Darian Azima Ashley Academy
“How Buoyant Are You?” – Buoyancy Comparison for Different Liquids
- 3rd Prize: John Seward Providence Academy
“Charged” – Comparison of Alkaline and Lithium Batteries

7th Grade Biological Category

- 1st Prize: Bennett Hunter Covenant Classical Conversations JC
“Algal Doom: The Negative Effects of Eutrophication” – Fertilizer and Algae Growth
- 2nd Prize: Karol Noyola St. Mary’s Catholic School
“Like or Dislike” – Does Left versus Right Brain affect certain Likes/Dislikes
- 3rd Prize: Nicole Agoha St. Mary’s Catholic School
“Can You Preserve Vitamin C?”

7th Grade Physical Category

- 1st Prize: Sarah Leerssen Liberty Bell Middle School
“Moo-Tastic Plastic 2” – Decomposition and Strength of Casein Plastics
- 2nd Prize: Karla Macariola St. Mary’s Catholic School
“How to Make the Perfect Macaron” – Air Bubbles and Rise Time vs Cookie Properties
- 3rd Prize: Melanie Toledo St. Mary’s Catholic School
“Hang On!” – Comparison of Tensile Strength of Materials

8th Grade Biological Category

- 1st Prize: Lilly Anglin HomeLife Academy & Classical Conversations
“Micro Myth” – Comparison of Nutrients in Micro-Greens vs Mature Plant
- 2nd Prize: Natalie Borsos St. Mary’s Catholic School
“Forget Me Not” – Does Gender affect Walking Memory
- 3rd Prize: Lorenzo Jeter Ashley Academy
“Staying Alive” – Types of Surfaces that are Anti-Bacterial: Copper Kills

8th Grade Physical Category

- 1st Prize: Timothy Perdue Classical Conversations Home School
“Frozen – Let It Melt” – How Contaminants affect Melting of Ice
- 2nd Prize: Levi Leu Ashley Academy
“Yeast Feast” – Volume measures of Breads vs Sponginess (how airy)
- 3rd Prize: Marshall Shearin St. Mary’s Catholic School
“PSI for a Basketball” – PSI vs Bounce Height for a Basketball