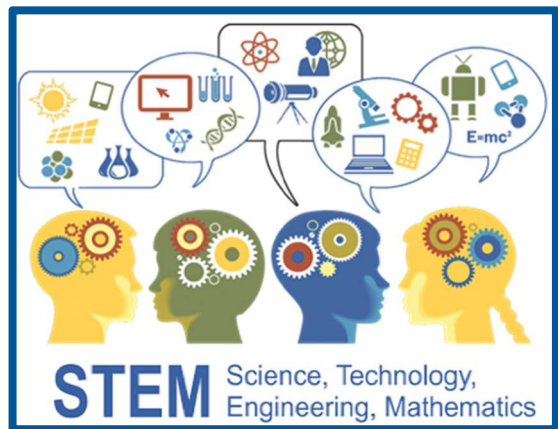


PGCPS 31st Annual Kids for Science Virtual STEM Fair Winners 2022



Grand Award Winners

Grade	Student Winners	School	Category	Project Title
3rd Grade	Kaycie Newsome	Chesapeake Math and IT North Elementary School	Embedded Systems	Pencil Resistors
4th Grade	Omokefe Ideh	Chesapeake Math and IT North Elementary School	Materials Science	Magnet Strength
5th Grade	Brenden Thomas Olivia Thomas	Glenarden Woods Elementary School	Earth and Environmental Sciences	What is the best method for making rainwater drinkable?

Educational Systems Federal Credit Union Winners (ESFCU)

Grade Level	ESFCU Award	Student Winners	School	Category	Project Title
3rd Grade	ESFCU STEM Award	Tanvi Saha	Glenarden Woods Elementary School	Robotics and Intelligent Machines	Self-Driving Car
4th Grade	ESFCU STEM Award	Makayla Morris	Valley View Elementary School	Energy: Sustainable Materials and Design	How Heat Affects Different Colors
5th Grade	ESFCU STEM Award	Anselm Balatbat	Templeton Elementary School	Chemistry	Save The Best for Last
5th Grade	ESFCU Science Supervisor's Award	Carter Hodge	Chesapeake Math and IT North Elementary School	Environmental Engineering	Clean Water Builder to the Rescue!

Special Award Winners

Grade Level	Special Award	Student Winners	School	Category	Project Title
5th Grade	James Prigmore Best Digital Display STEM Project Award	Samantha Manuel	Indian Queen Elementary School	Chemistry	Handwashing: Getting rid of germs using different hand soaps and hand sanitizers.
3rd Grade	Sam's Club Laurel Maryland Location STEM Award	Hannah Muth	Hyattsville Elementary School	Environmental Engineering	Which Filtration Material Leads to the Best Drinking Water?
4th Grade	Sam's Club Laurel Maryland Location STEM Award	Joanna Phill	Glenarden Woods Elementary School	Biomedical and Health Sciences	Effectiveness of different types of face masks used during the COVID-19

Category Winners

****Please note:** There are categories that will not include 2nd place, 3rd place or Honorable Mention winners due to the number of STEM fair projects submitted for that particular category.

Behavioral and Social Sciences				
Place	Grade Level	Student Winner	School	Project Title
1st Place	4th	Yuri Knell	Overlook Full Spanish Immersion School	An "Uncanny Look"
2nd Place	4th	Mason Lane	Overlook Full Spanish Immersion School	How does playing video games affect your body?

Biomedical and Health Sciences				
Place	Grade Level	Student Winner	School	Project Title
1st Place	5th	Kayden Robertson	Chesapeake Math & IT North Elementary School	Boost Your Immune System With The Big C
2nd Place	4th	Joanna Phill	Glenarden Woods Elementary School	Effectiveness of different types of face masks used during the COVID-19
3rd Place	4th	Sean Eitelman	Bond Mill Elementary School	Sugary Teeth
Honorable Mention	3rd	Aminata Koly	Bond Mill Elementary School	The Five-Second Rule

Chemistry

Place	Grade Level	Student Winners	School	Project Title
1st Place	5th	Anselm Balatbat	Templeton Elementary School	Save the Best for Last
2nd Place	5th	Samantha Manuel	Indian Queen Elementary School	Handwashing: Getting Rid of Germs Using Different Hand Soaps and Hand Sanitizers
3rd Place	3rd	Aderinsola Adeyemo	Longfields Elementary School	Which cup best prevents ice from melting?
Honorable Mention	4th	Walter Darlington-Al Mallah	Robert Goddard Montessori	The Effect of Temperature on Crystal Formation

Computer Science and Systems Software

Place	Grade Level	Student Winners	School	Project Title
1st Place	5th	Auden Barrett Toman	Hyattsville Elementary School	Diagnosing Documents
2nd Place	5th	Blanca Macia Bonilla	William Paca Elementary School	File Fill-Up

Earth and Environmental Sciences

Place	Grade Level	Student Winners	School	Project Title
1st Place	5th	Brenden Thomas Olivia Thomas	Glenarden Woods Elementary School	What is the Best Method for Making Rainwater Drinkable?
2nd Place	3rd	Kailen Jackson Leslie	Hyattsville Elementary School	Why aren't rivers straight?
3rd Place	5th	Jeffrey Muth	Hyattsville Elementary School	Can plants stop erosion?
Honorable Mention	5th	Crystal Ibe Solmary Portillo	Templeton Elementary School	To Filter or Not To Filter

Embedded Systems

Place	Grade Level	Student Winner	School	Project Title
1st Place	3rd	Kaycie Newsome	Chesapeake Math & IT North Elementary School	Pencil Resistors
2nd Place	4th	Nora Daka	Barack Obama Elementary School	Which is the best battery type?
3rd Place	5th	Grayson McGee	Longfields Elementary School	Gamma Ray Converter

Energy: Sustainable Materials and Design

Place	Grade Level	Student Winners	School	Project Title
1st Place	4th	Makayla Morris	Valley View Elementary School	How Heat Affects Different Colors
2nd Place	3rd	Lucas Cortijo	Fort Foote Elementary School	Does the shape of a windmill's blades affect the amount of energy it produces?
3rd Place	4th	Madison Morris	Valley View Elementary School	How Temperature Affects Magnetism
Honorable Mention	4th	Othniel Halm	Robert Goddard Montessori	Potato Power!!!

Engineering Mechanics

Place	Grade Level	Student Winners	School	Project Title
1st Place	5th	Nyla Groomes	Barack Obama Elementary School	Boats and Sails
2nd Place	5th	Dream Evans	Capitol Heights Elementary School	Feel The Vibration
3rd Place	5th	Amilia Moses	Longfields Elementary School	Parachute Plunge
Honorable Mention	5th	Abilene Solomon	Carole Highlands Elementary School	Atmospheric Science

Environmental Engineering

Place	Grade Level	Student Winners	School	Project Title
1st Place	5th	Carter Hodge	Chesapeake Math & IT North Elementary School	Clean water builder to the rescue!
2nd Place	3rd	Hannah Muth	Hyattsville Elementary School	Which filtration material leads to the best drinking water?
3rd Place	5th	Kaden Bustos	Paint Branch Elementary School	Filters in Motion
Honorable Mention	3rd	Wray Anthony Jefferson	Chesapeake Math & IT North Elementary School	Filtered Fun

Materials Science

Place	Grade Level	Student Winners	School	Project Title
1st Place	4th	Omokefe Ideh	Chesapeake Math & IT North Elementary School	Magnet Strength
2nd Place	4th	Jaden Wright	Chesapeake Math & IT North Elementary School	Which Material Catches Bubbles the Best?
3rd Place	3rd	Ivan Akitobi	Chesapeake Math & IT North Elementary School	Clash of the Paper Towels
Honorable Mention	4th	Cameron Hoey	Rose Valley Elementary School	Stick! Stick! Release!

Physics and Astronomy

Place	Grade Level	Student Winners	School	Project Title
1st Place	3rd	Leonamarie Bernales	Fort Foote Elementary School	How the Strength of a Magnet Varies with Temperature
2nd Place	4th	Eric Calhoun	Chesapeake Math & IT North Elementary School	Going Down
3rd Place	4th	Queen-Grace Djeutcha	Dora Kennedy French Immersion School	What types of liquid dissolves ice quickest?
Honorable Mention	4th	Solael Nicholson-Whittington	Dora Kennedy French Immersion School	How do atmospheric pressure changes affect different objects?

Plant Sciences				
Place	Grade Level	Student Winners	School	Project Title
1st Place	5th	Stephani Canales Hernandez	Templeton Elementary School	Potential Hydrogen Matters!
2nd Place	3rd	Margaret Brown	Glenarden Woods Elementary School	NPC (Negative, Positive, Control) Plants
3rd Place	5th	Corrina Fritz	Bond Mill Elementary School	Banana Slip and Slide
Honorable Mention	5th	Jaiden Rich	Overlook Full Spanish Immersion School	The Power of Walnuts

Robotics and Intelligent Machines				
Place	Grade Level	Student Winner	School	Project Title
1st Place	3rd	Tanvi Saha	Glenarden Woods Elementary School	Self-Driving Car

Congratulations to all the winners!

