



E3 Camp

Empowering Excellence Thru Exploration
2021 Camp Overview



The fourth annual E3 Camp was made possible by a Public School Achievers Grant (written by Anissa C. McLendon), community donations, and partnership with Lee Moavenzadeh - Kamal Academy - (Interfaith STEAM school in Chapel Hill). E3 Camp provides middle and high school African-American students with hands-on activities, educational field trips and opportunities, and career skills in the Arts and STEM fields, necessary to be productive citizens in the 21st century workforce.

This camp was held from July 12th thru 30th 2021 at Glenwood Elementary School in Chapel Hill.

Demographics: 23 students attended, 13 females at 57% and 10 males at 43% that participated, 57% Chapel Hill-Carrboro City Schools (12) and 43% other districts (10): Chatham (2), Chicago (1), Durham (2), Home Schooled (2), Lee (1), and Orange (2).

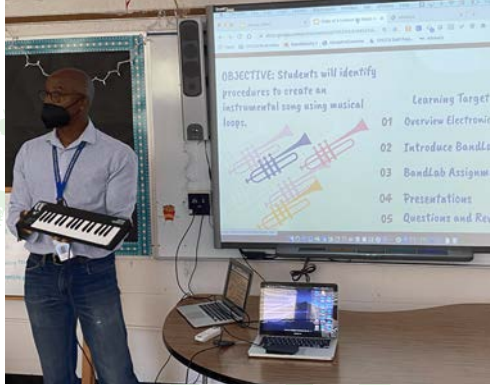
Janie Alston	Helen Galbreath	Karen Reid	Barbara Ashdown	Josie and William Gattis	Colleen Rogers	Channing Bennett
Jean Geer	Pandra Rushing	Russell Blackwell	Grape Arbor Development Inc	District 19 of SEANC	Binkley Baptist Church	Sherry Gray
Josie and William Smith	Anita Booth	Hannah Ruth Foundation	Rose Snipes	Lailia Bradford	Gayle Harris	Beverly Solomon
David Branch	James Harris	St. Joseph CME Missionary	Larry Butler	Ann Henley	Alexis Thompson	Sarah Carr
Holy Family Episcopal Church	Kuma Thompson	Carolina Black Caucus	Walter Horton	Tommy Tucker/ Carolina Carwash & Detail	Virginia Carson	Dianne Jackson
Will Quick	Bethany Chaney	Mary Keith	Angeline Warren	Gattis Cotton	Lillian Lee	Theresa Watson
Kurstin Cotton	Mary Locklear	Kathleen Yonce	NC Western District	Lucretia Dickson	Jay Miller	Maxine Mason-Huggins
Carolyn Evans	Lisa Norwood	Thomas Nixon	Lyn Ferrara	Clarence/ Valerie Potter	Jerry and Mary-Jane Palmer	Kate Finlayson
Beverly Solomon	Esphur Foster	Scott Radway	Jenny Mabie	Sharon Davis	Ken Mask	Carol and Willie Deese

Thanks to persons and restaurants that provided snacks and meals to the camp.

Al's Burgers	Mama Dips
Carrboro Dominos	Mae McLendon
Carrboro Oven Pizza- provided 3 Friday's	Allen Mask
Chapel Hill Monterey Restaurant	Jerry Palmer
Chapel of the Cross- Youth Ministry	Durham Carrabbas

Arts

Music: Culbreth Middle School Music Teacher, Michael Jones, introduced the students to the recording program - BandLab - and each student was able to create their own digital music.



Puppets: Tarish “Jeghetto” Pipkins showed his 15 handmade puppets. Advised each student to use their imagination about exploring and achieving dreams.



Tree Workshop: Students were able to plant their own seeds and were responsible for their upkeep. Drawings showed the importance of trees.

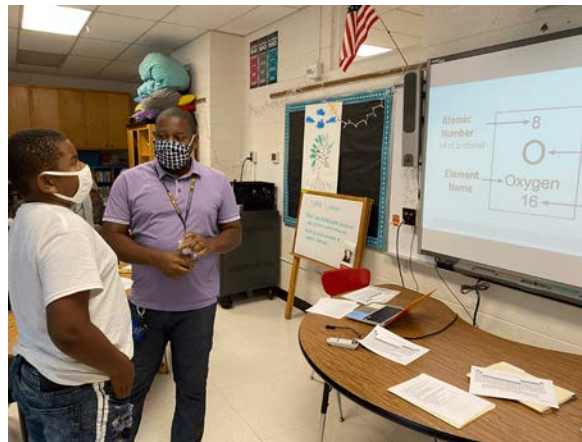


Science

Aviation: E3 Camp provided model airplanes for each student.



Chemistry: Glenwood Elementary Principal Channing Bennett led a chemistry lesson.

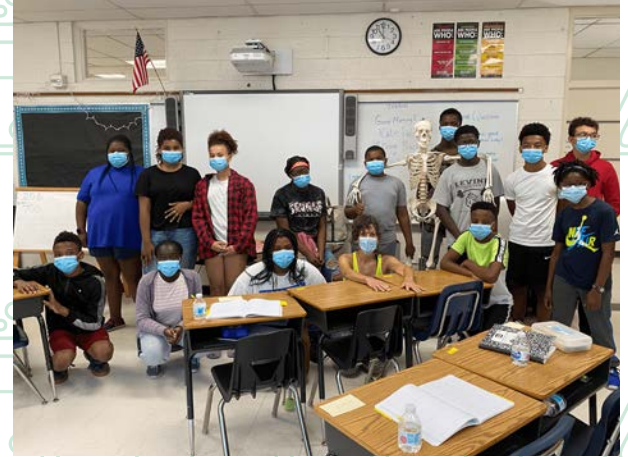


Forensic Science: Chapel Hill Police Forensic Evidence Specialist Sheleathea Quick discussed processing a crime scene. Each student was able to be fingerprinted and located "DNA" left behind on objects.

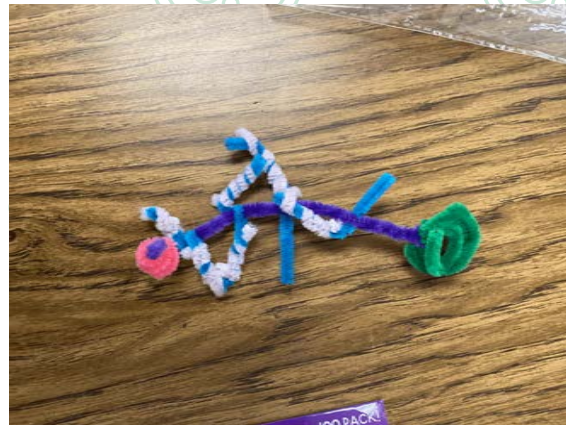


Science

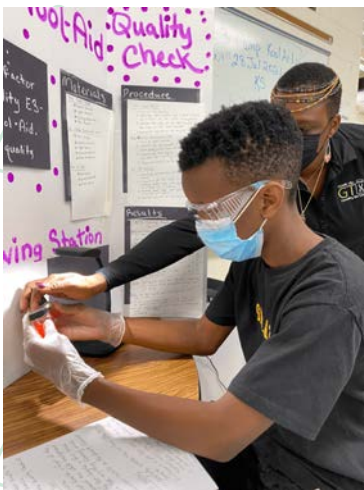
Human Body: Kate Finlayson advised students about the 206 bones in their human body and taught them ways to keep their body healthy.



Cells: Student's made their own neuron and completed a worksheet.

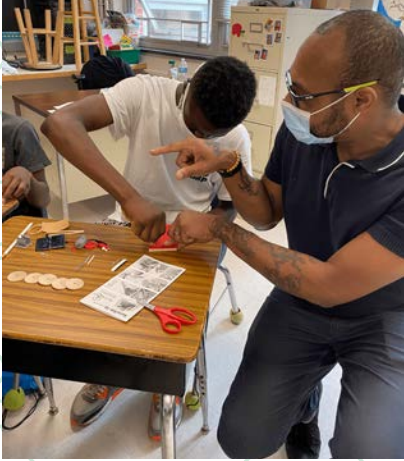


Quality Check: Pfizer Scientist Krisstonia Sprurell came and explained how vaccines are made and the pattern of quality check had to be tested “over and over”. Each student had to make their own kool aid and if directions were followed correctly then - kool aid could be dranked.

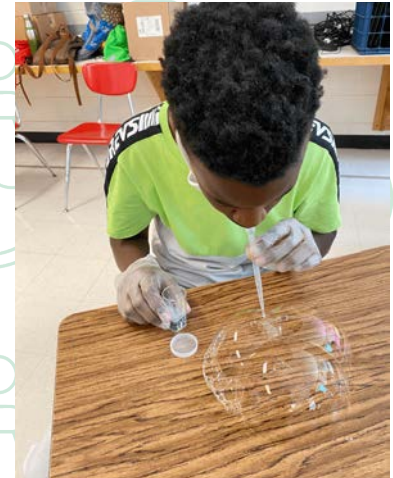


Science

Solar Energy: A presenter from Advanced Energy came and led a Solar Energy Presentation. E3 Camp provided solar energy car kits and each student made their own solar car.



Water Properties: Explored the 6 water properties. Conducted the labs of - Blobs in a Bottle - How Many Water Drops on a Coin - and Explored the Science of Making Bubbles.

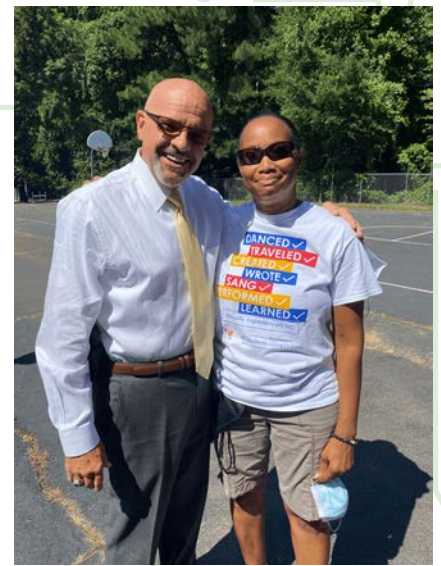


Ecosystems: Each student was able to use the free Science Game Center - Tyto Online - building their own Life and Earth Science Modules.

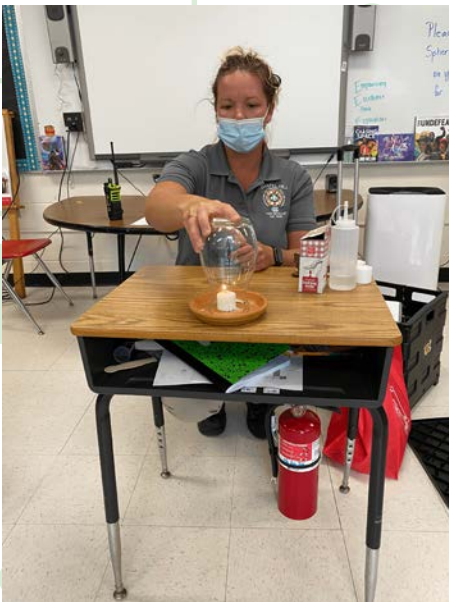


Technology

Unmanned Aircraft (Drones): Orange County Sheriff Blackwood and deputies came to discuss pros and cons of drone usage.



Fire Safety: Emily Powell from Chapel Hill Fire Department experimented with different types of fires and ways to put them out.



Engineering

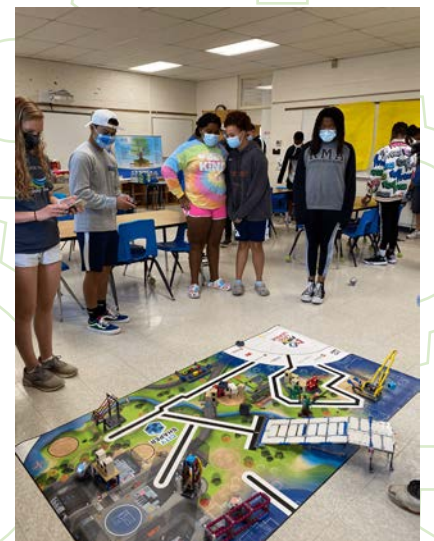
Coding: Coding sequences in order to move robots. Experience with conductors and insulators.



Robots: Building robots with programming sequences.

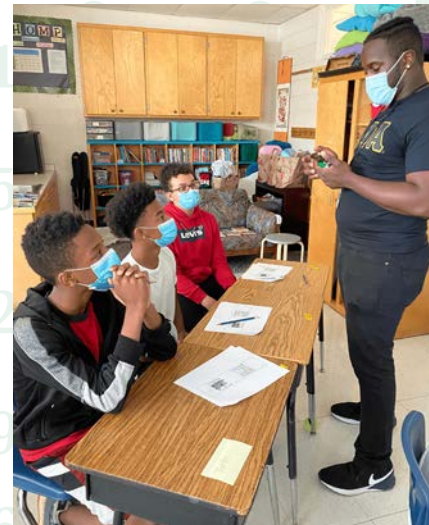


Sphereos: William Vincent, ECHHS Engineering Teacher, borrowed 20 sphereos from NCSU. He brought 6 ECHHS students to camp, who led students in an instructional lesson.

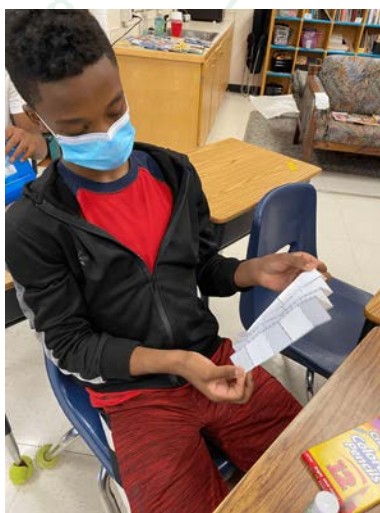


Math

Math: Dr. Quincy Farmer provided math strategies.



Origami: Working on an origami.



Chess: Dr. Ken Mask and his son came and taught Chess. Each student received a chess board set and the book, “Griffin the Dragon and the Game of Chess for Kids” that was written by Dr. Mask.



Field Trips

Historic Tour of Shagville Plantation



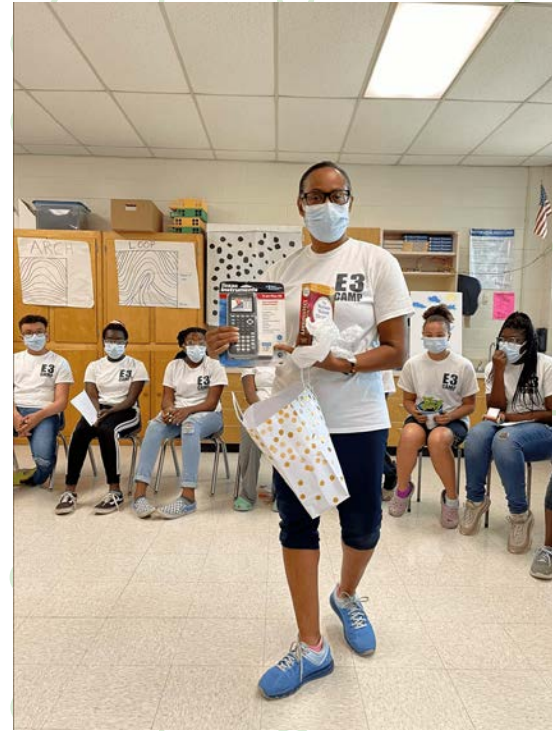
Durham Life and Science Museum

Mason Farm Wastewater Treatment Plant



Impact of E3 Camp

School Supplies: At the conclusion of the E3 Camp each student received \$800 worth of school supplies. They received a lifetime JanSport Backpack and a Texas Ti-84 CE Plus Calculator.



E3 2022 Camp starts July 11th and ends on July 29th. Please contact us for any questions or concerns.

Anissa McLendon

919-932-5321

empoweringthru@gmail.com

Taxable donations can be sent to:

110 Alabama Avenue, Carrboro, NC 27510

Check payable to E3 Camp - Memo Line: Camp Donation