

SPOTLIGHT STEM

November 2023

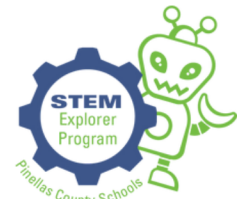
MONTHLY NEWSLETTER

Vol 2 Issue 1



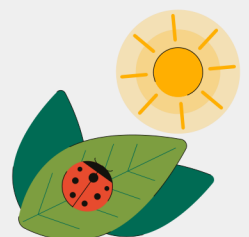
What's In This Month's Issue:

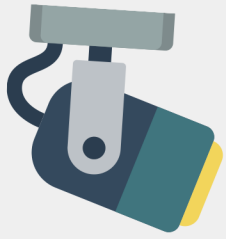
- STEM Explorer Club Launch Photos
 - Engineering Design Challenges
- Did You Know?
 - National STEM Day
- Upcoming Events
- Career Connections
 - Architects



Welcome to Southern Oak Elementary School, where our STEM Explorer Club is buzzing with excitement over the Build-a-Bug STEM Challenge!

Our K-1 Explorers are getting a crash course on all things creepy-crawly, from the major parts of an insect to how these tiny helpers benefit us. Check out some cool snapshots from our facilitator Kathleen Wileman!





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DID YOU KNOW?

Get your goggles and your beakers ready for National STEM Day!



National STEM Day was established to celebrate and raise awareness about the significance of science, technology, engineering and mathematics (STEM) education throughout the United States.

As schools celebrate National STEM Day on November 8th of each year NOV8 (innovate) we promote the impact and value that STEM education has on our learners by:

- Sparking interest and curiosity
- Encouraging critical thinking and problem-solving skills
- Bridging gaps for underrepresented students involved in STEM programs
- Developing future innovators
- Fostering collaboration and teamwork skills
- Advancing STEM careers

National STEM Day plays a crucial role in inspiring, engaging and preparing the next generation of innovators, problem solvers and leaders in STEM fields.

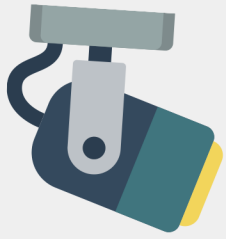
STEM education is the key to shaping the future of our society and economy. Together let's help our students see themselves in STEM!



STEM Rising

The U.S. Department of Energy is deeply invested in the current and future science, technology, engineering, and mathematics (STEM) workforce of America.

Video courtesy of the Department of Energy

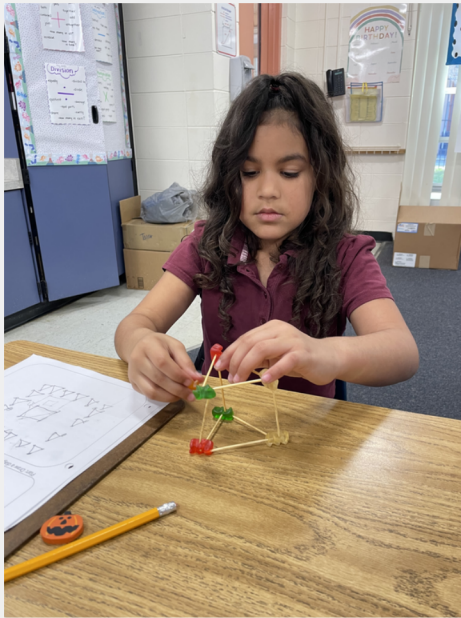


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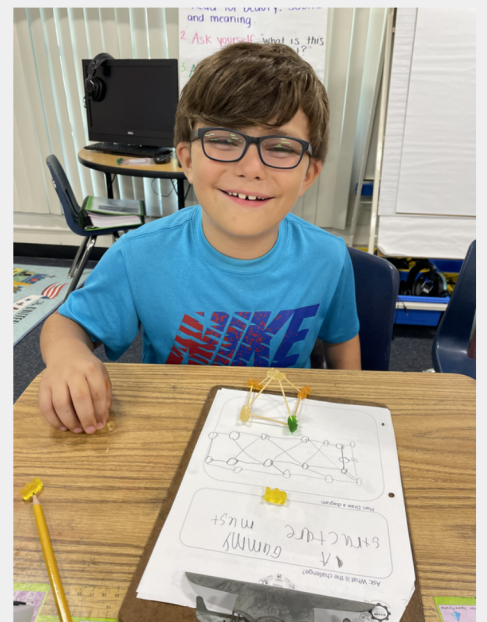
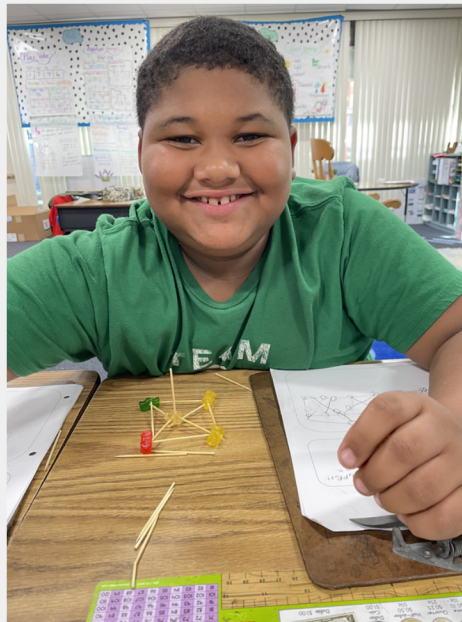
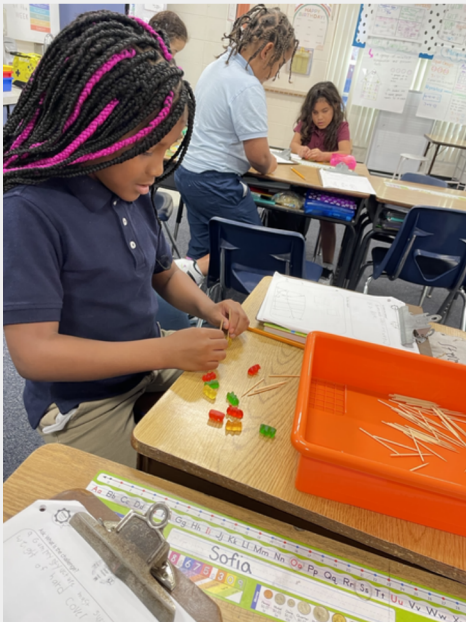
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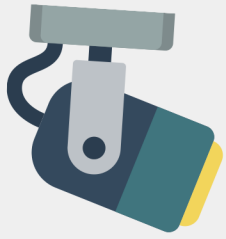
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Lealman Avenue Elementary School's 3rd grade STEM Explorer Club is on a mission to build sweet structures with their Gummy Construction Challenge! With facilitator Monica Torres capturing every moment, these little explorers are unstoppable.





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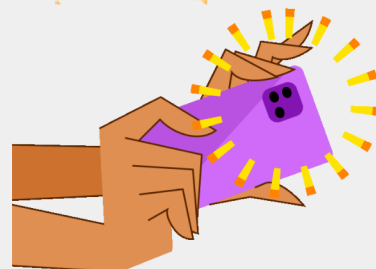
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Over at **Azalea Elementary School**, a lucky student's sister scored a modeling gig on TikTok! But wait, this isn't your typical runway show. They used some slick engineering skills and the design process to create paper dresses. The catch? They had to fashion the frocks right onto the model herself, using only folding and taping techniques. No scissor snips or rips allowed! Check out these awesome snaps from the Girls Who Code - STEM Explorer Club, courtesy of Candace Reed, facilitator.



UPCOMING EVENTS

NATIONAL STEM DAY

November 8, 2023

VETERANS DAY

November 11, 2023

WORLD KINDNESS DAY

November 13, 2023



THANKSGIVING HOLIDAY WEEK

November 20, 2023 - November 24, 2023

CAREER CONNECTIONS

CAREER CONNECTIONS

Architects

Architects plan and design houses, factories, office buildings, and other structures.

Architects spend much of their time in offices, where they develop plans, meet with clients, and consult with engineers and other architects. They also visit construction sites to prepare initial drawings and review the progress of projects to ensure that clients' objectives are met.

There are typically three main steps to becoming a licensed architect: completing a bachelor's degree in architecture, gaining relevant experience through a paid internship, and passing the Architect Registration Examination.

Average Annual Salary: \$82,840



[U.S. BUREAU OF LABOR STATISTICS](#)

