

SPOTLIGHT STEM

April 2023

MONTHLY NEWSLETTER

Vol 1 Issue 7

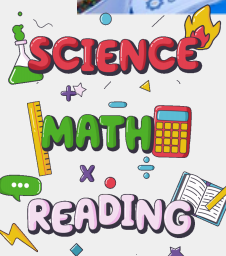


What's In This Month's Issue:

- STEM@James Weldon Johnson Literacy Festival
- Did You Know?
- STEM Explorer Club Photos
- Upcoming Events
- Career Connections

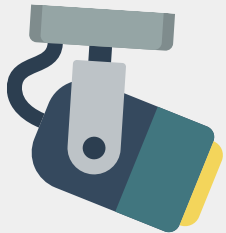


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Pinellas County families participated in the 11th Annual James Weldon Literacy Festival where eventgoers participated in hands-on learning with STEM activities and enjoyed face painting, bounce houses, music, food and each child received free books for their home library.





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DID YOU KNOW?

Learning happens everywhere and all the time—in schools, in the community, and at home. Where and when learning can take place has no boundaries, and it is important to recognize the web of opportunity that exists within a community and find ways to strengthen it.

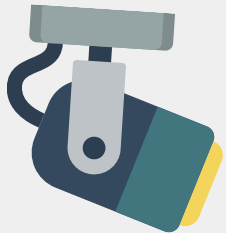
Families play an integral role in STEM learning; engaging families is critical to ensuring that all young people have the opportunity to engage in science in meaningful ways and consider STEM career possibilities. Families can get involved in STEM learning in many different ways:

- participating in learning experiences with their children;
- receiving resources and information that support engagement; and
- advocating in their schools and communities for STEM programming.

Family engagement and encouragement is fundamental in leading students to greater opportunities and success in STEM.

To learn more about this special report check out National Science Teacher Association ([NSTA](#)) Families Are Essential in the STEM Learning Ecosystem.



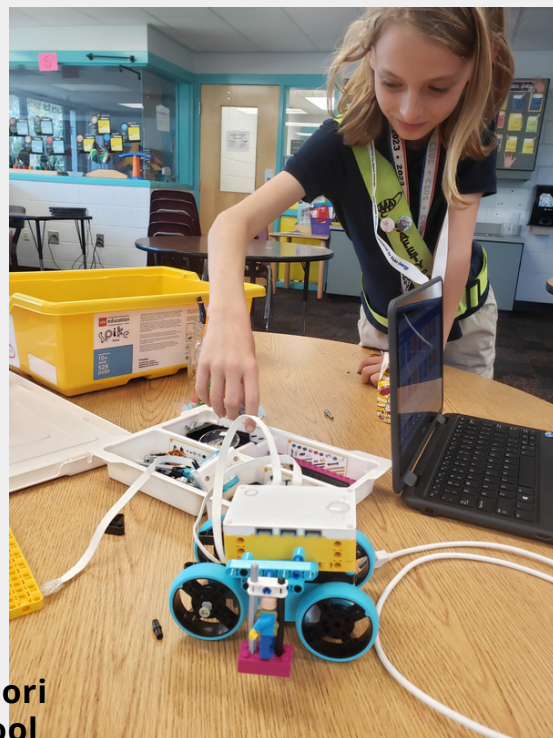


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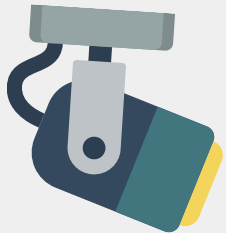
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Gulfport Montessori Elementary School

4-5 Explorers Coding with Lego Education
Photos courtesy of Loraine Grizzle, Facilitator





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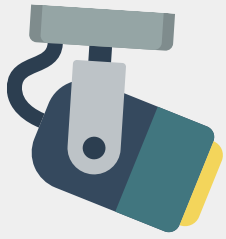
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Woodlawn Elementary School

4-5 STEM Explorer Club - Vermiculture (worm composting) to convert organic waste into nutrient rich compost, improve soil health and create a sustainable garden.

Photos courtesy of *Kelly Davidson*, Facilitator

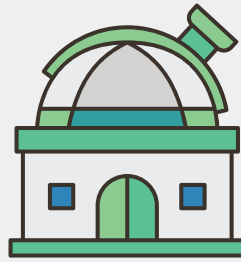
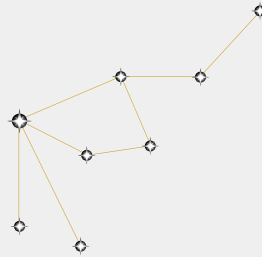


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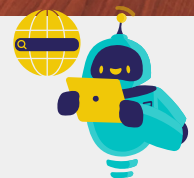
Perkins Elementary School

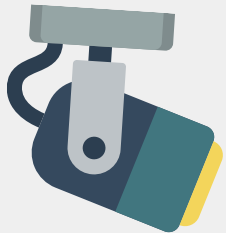
4-5 STEM Explorer Club - Explorers visited the SPC Planetarium
Photos courtesy of Anne Ware, Facilitator



Sandy Lane Elementary School

2-3 STEM Explorer Club - Explorers using code -
the language of the future to program builds!
Photos courtesy of Celimar Rodriguez, Facilitator





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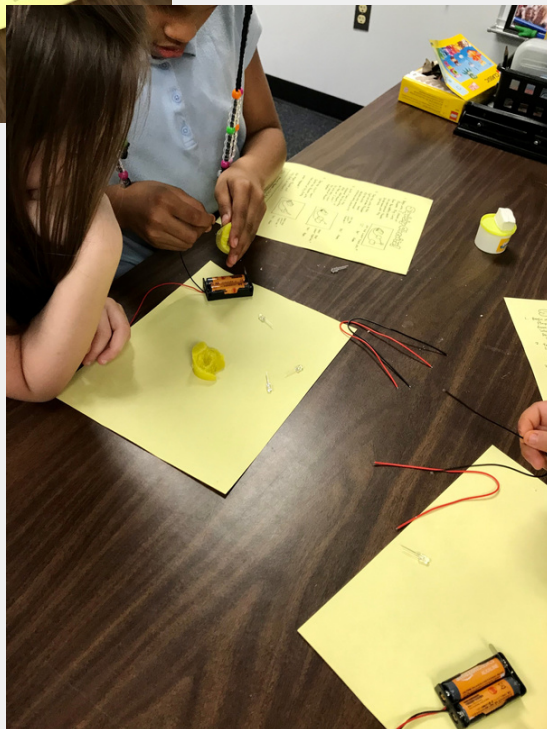
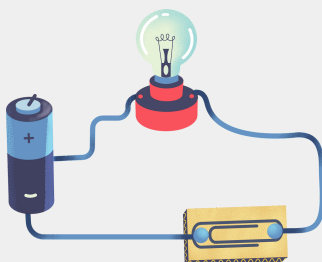
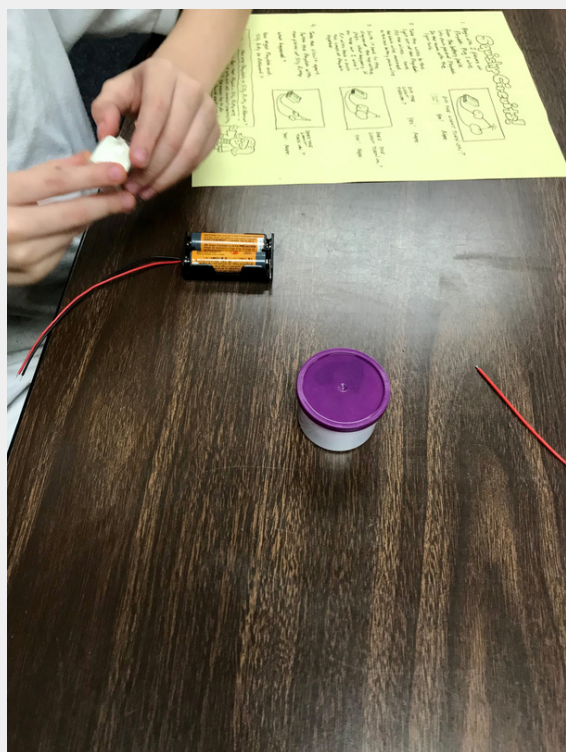
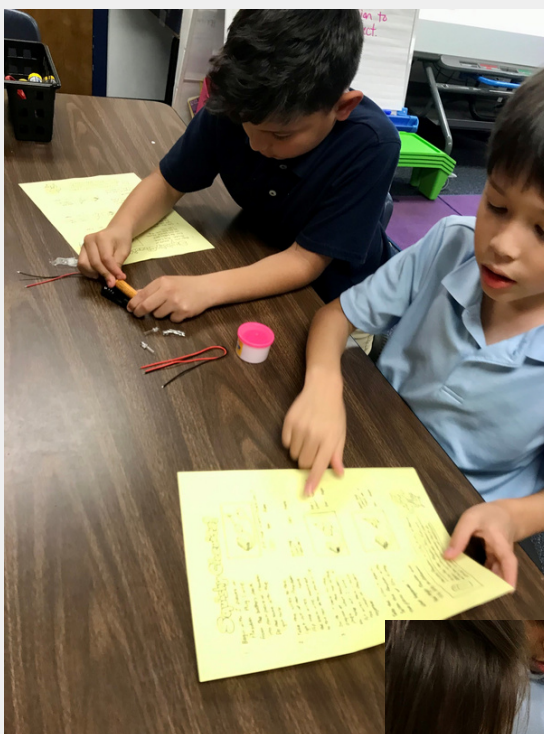
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Ponce de Leon Elementary School
2-3 STEM Explorer Club are learning about circuitry and
creating Squishy Circuits!

Photo courtesy of Tonia Flippen, Facilitator



UPCOMING EVENTS

22-23 STUDENT CALENDAR

April 7, 2023
PCS Holiday



SAVE THE DATE

March 13, 2023
Science Showcase and STEM Expo
SPC Clearwater
2465 Drew Street
Clearwater, FL 33765
10am - 2pm



CAREER CONNECTIONS

U.S. BUREAU OF LABOR STATISTICS



CAREER CONNECTIONS

Orthotists and Prosthetists

Orthotists and prosthetists design and fabricate medical supportive devices and measure and fit patients for them. These devices include artificial limbs (arms, hands, legs, and feet), braces, and other medical or surgical devices.

Orthotists and prosthetists typically do the following:

- Evaluate and interview patients to determine their needs
- Take measurements or impressions of the part of a patient's body that will be fitted with a brace or artificial limb
- Design and fabricate orthopedic and prosthetic devices based on physicians' prescriptions
- Select materials to be used for the orthotic or prosthetic device
- Instruct patients in how to use and care for their devices
- Adjust, repair, or replace prosthetic and orthotic devices
- Document care in patients' records

Some orthotists and prosthetists construct devices for their patients. Others supervise the construction of the orthotic or prosthetic devices by medical appliance technicians.

Average Annual Salary: \$75,440

