

S.T.E.M. Chronicles

SGAET Monthly Newsletter

Volume I Issue 2

October 2018

SGAET S.T.E.M. News and Events

Join Us at the Indian River Lagoon Science Festival!

Our school will be hosting a booth at the SGAET festival. **Please come out with your families to this amazing free, family event.** The festival will be held at Veterans Memorial Park, 600 N. Indian River Dr. in Ft. Pierce. This is the culminating event of their 5 Weeks of Science and will be held (rain or shine) from **10:00 a.m.—3:00p.m. on October 27, 2018.**

S.T.E.M. Space in our Media Centers

We are in the process of creating a special S.T.E.M. Space in our media centers. The expense for the books are paid for by a grant, but we could still use some assistance with book shelves and other furnishings that would make this a special place for our students. If you can help with this project, please contact Mrs. Nancy Spooner, our Media Specialist.

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Recent Community Visitors

Students that won our recent S.T.E.M. design challenge, *Build a Better Bridge* were able to present their blueprints, persuasive letters, and/or Company stationary (with company logo they created) to our esteemed guests (school district personnel and community leaders). In return, city leaders, spoke to all of our sixth grade students about the process of how a proposal, such as building a bridge, is submitted, evaluated and approved.

Thank you to Jack Andrews, City Engineer, Paul Thomas, Building Official, John Snowe, Engineer and Dr. Helen Wild, Chief Academic Officer of St. Lucie Schools for their participation.

Engineering Quote of the Month

"Science can amuse and fascinate us all, but it is engineering that changes the world."

—Isaac Asimov, American writer, professor of biochemistry

Calling all 21st Century Families!

We'd like your help in creating the "Artbots" which will be used at the Indian River Lagoon Festival. Please attend the **21st Century Parent meeting on Oct. 23rd at 5:30 and stay** for a guided lesson on creating the "Artbots" as an example of project based learning!



Middle school students were captivated as they used technology to participate in Kahoot, an online program, to review the content in their *Informational and Communications Technology* course.



Kindergarteners were excited to complete their first STEM activity recently. After reading *The Three Billy Goats Gruff* as a class, students solved the problem of building a bridge that would hold the Billy Goats.



Our sixth grade students have been working on designing and constructing bridge prototypes with the goal of holding the most mass. Students then chose a method of presenting their bridges to their client, the *Mayor of Bridgeville*, represented by district personnel and community engineering experts.

S.T.E.M. Around Our School

Save the Date!

ZSpace Bus

November 29th

12:00 p.m.—2:00p.m.

Where: SGAET Campus

Come one, come all!

Check out the
technology part of
S.T.E.M. by
experiencing our
ZSpace computers first
hand.



Recently, the 21st Century Community and Learners Program had a special guest speaker, DJ DA. He shared how music technology has emerged over the last 100 years.



SGAET Colts are Making History!