



SVRTC NEWSLETTER

Fall 2016



MISSION: The Southside Virginia Regional Technology Consortium will assist members with coordinating the acquisition and effective integration of viable up-to-date and emerging technologies, valuable training for K-12 students, staff and other citizens in our communities to enhance learning at all levels and encourage economic development in Southside Virginia.

In the Spotlight:

Brunswick County Public Schools Learning with LEGOS... The Legendary Experience Continues

In Brunswick County, Mrs. Powers' students continue their exploration of STEM through learning with LEGO building kits. This year fourth and fifth graders are creating **LEGO: Crazy Action Contraptions** including a Beaker Blender, an Annoy-O-Matic, a Squeezeclaw Grabber, and a No Donkey Donkey Cart. Students said the Beaker Blender would be helpful when mixing cake batter if the mixer breaks or when camping to make a smoothie without electricity! First, second, and third graders are exploring with LEGO kits too. Third graders are using LEGO kits to create **LEGO: Chain Reactions** by designing and building amazing moving machines in order to make a sign stand up, knock over dominoes, and that's just the beginning of the chain reactions we're creating! First and second graders are learning how to work cooperatively by sharing LEGO blocks to create pinwheels, spinning tops, and seesaws. They'd like to create their own playground or amusement park using the kits so check us out as we learning with LEGOS!

Try this **GREAT WEBSITE** for **STEM and LEGO Learning information:**

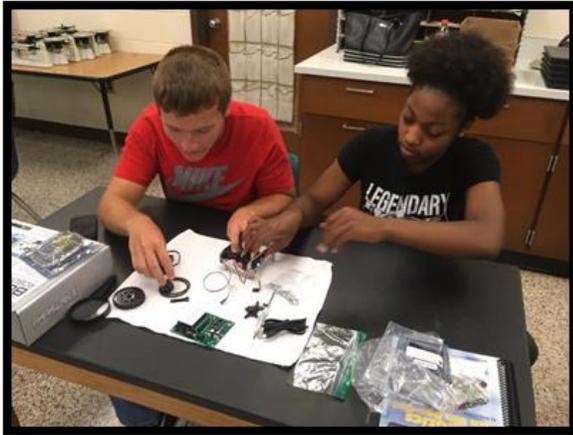
<https://goo.gl/zwjU0N>



Summer 2016 CYBERCAMP Mecklenburg County Public Schools

This summer, rising sophomores, juniors, and seniors from Mecklenburg County Public School participated in a fun-filled and educational Cybercamp experience. Students from both Bluestone High School and Park

View High School were part of this camp experience. The camp in Mecklenburg, was one of the thirty-two offered across the State of Virginia, funded by a grant received from the Virginia Department of Education.



The camp offered ten days of educational learning activities, field trips, guest speakers and a culmination recognition event. One of the primary goals of Cybercamp was to introduce students to careers to the cyber security field, which are expected to grow to over 350,000 workers in the State of Virginia by the year 2022. During camp, students participated in hands on learning projects related to STEM and technology. Students also learned how to program BoeBots and used their programming knowledge during the culmination event where a competition was held to test their programming and operator skills. Students toured the Southern Virginia Higher Education Center, the Microsoft Data Center and the International Spy Museum. Guest speakers included representatives from the Virginia State Police, Southside Virginia Community College, and Hewlett-Packard Enterprises. Students also learned about quad copters and a demonstration was given by a group of the students.



During the culmination event, students gave presentations about their enjoyment and knowledge gained from the learning experiences, trips and guest speakers. The Cybercamp was a huge success and planning is already underway for next year, with hopes of offering an advanced Cybercamp for students who participated this year.



SVRTC Meetings 2016-2017

Wednesday, **September 21, 2016**
 Wednesday, **October 19, 2016**
 Wednesday, **November 16, 2016**
No December Meeting
 Wednesday, **January 18, 2017**
 Wednesday, **February 15, 2017**
No March Meeting - Awards Banquet
 Wednesday, **April 19, 2017**

**All meetings for the 2016-2017 school year begin at 10:00 am at Nottoway High School, 5267 Old Nottoway Road Crewe, Virginia

SVRTC Members

- Amelia County Public Schools
- Appomattox County Public Schools
- Brunswick County Public Schools
- Buckingham County Public Schools
- Charlotte County Public Schools
- Colonial Heights Public Schools
- Cumberland County Public Schools
- Danville City Public Schools
- Dinwiddie County Public Schools
- Franklin City Public Schools
- Greensville County Public Schools
- Halifax County Public Schools
- Henry County Public Schools
- Hopewell Public Schools
- Lunenburg County Public Schools
- Martinsville City Public Schools
- Mecklenburg County Public Schools
- Nottoway County Public Schools
- Patrick County Public Schools
- Petersburg City Public Schools
- Pittsylvania County Public Schools
- Prince Edward County Public Schools
- Prince George County Public Schools
- Southampton County Public Schools
- Sussex County Public Schools