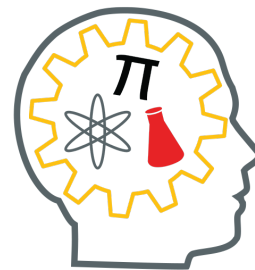


Looking for something educational, fun and interactive?



MARYLAND STEM FESTIVAL 2015



We're proud to announce that we will be a part of the **2015 Maryland S.T.E.M. Festival** and will have tons of **fun, FREE, innovative** and **stimulating S.T.E.A.M.** (Science, Technology, Engineering, Arts and Math) based events.

Don't miss the **S.T.E.A.M. kick-off event!**

 A special kick-off event will take place at the **College Park Aviation Museum on November 7, 2015, from 1- 5 pm.** Information and a Q&A on all of the events to be held will be available at this event. Refreshments will be provided.

The Museum is located at 1985 Corporal Frank Scott Drive, College Park, MD 20740. For more information, please call 301-864-6029; TTY 301-699-2544.

LEGO BUILDERS

- Friday, November 6, 5-8 pm at Vansville Community Center
 - Friday, November 13, 5-8 pm at Deerfield Run Community Center
- Create special projects such as mining trucks, bulldozers, container trucks and fire planes. Instructions and materials provided.

Ages 6-17

Vansville Community Center
6813 Ammendale Road, Beltsville 20705

Deerfield Run Community Center
13000 Laurel-Bowie Road, Laurel 20708
Information: 301-937-6621; TTY 301-699-2544

CAFÉ GROOVE: MAKER SPACE, PRESENTED WITH FUTURE MAKERS

- Friday, November 6, 7-9:30 pm

Join us for an evening of fun arts activities that are all based in STEM! The Future Makers team will lead participants through activities that include:

Light Painting: Make an LED "light brush" and paint with light. Send your photos to friends from the inflatable dark room, and take your brush home!

Conductive Button Sound Station: Explore simple circuitry and conductive materials to create a button that controls sounds - by touch!

Drawing Machines: Create a wiggling, drawing machine using a markers and a motor! Explore simple electromechanical, and take your personalized invention home.

Beat Making: Create music with technology and your voice. Make a beat or a whole song with your friends.

This event is part of the Café Groove series that take place on the first Friday of the month throughout the school year. For more information about Café Groove, visit www.pgxtremeteens.com.

Ages 10-18

Prince George's Ballroom
2411 Pinebrook Avenue, Landover 20785
301-446-3232; TTY 301-699-2544

CREATIVE COSMETICS

- Friday, November 6, 7-10 pm at Vansville Community Center
- Friday, November 13, 7-10 pm at Deerfield Run Community Center

Experience the beautiful side of biology and chemistry! Creative Cosmetics teaches you how to make your own shampoos, cleansers, and lotions with the included bases plus natural ingredients from the supermarket. Study the biology of skin, hair, and nails and learn how to make gifts for your friends.

Xtreme Teen Girls Ages 10-17

Vansville Community Center
6813 Ammendale Road, Beltsville 20705

Deerfield Run Community Center
13000 Laurel-Bowie Road, Laurel 20708
Information: 301-937-6621; TTY 301-699-2544

IT KIDZ: MEASURING THE WIND

- Saturday, November 7, 9-10:30 am

Learn how the wind is formed, how anemometers are engineered to measure the speed of wind, and how designs have changed over time. Form teams to design and build a working anemometer out of everyday products!

Ages 7-12

Prince George's Sports & Learning Complex
8001 Sheriff Road, Landover 20785
Information: Curtis Smith at 703-300-2220 or
Erika Applewhite 301-583-2432; TTY 301-699-2544



BUILD YOUR OWN MODEL TRASH INTERCEPTOR

Saturday, November 7, 11 am-12 noon

Participants will understand how engineering plays a role in environmental protection and demonstrate that understanding through the design and implementation of their own model trash interceptor. Students will test their models to find out how effective their trash interceptors are at catching debris before it enters a "body of water."

Ages 8-14

Watkins Nature Center
301 Watkins Park Drive, Upper Marlboro 20774
Information: 301-218-6702; TTY 301-699-2544

DISASSEMBLE IT! EXPLORE IT! REBUILD IT!

■ **Monday, November 9, 5-7 pm and Tuesday, November 10, 5-7 pm at Deerfield Run Community Center**

■ **Thursday, November 12, 5-7 pm and Friday, November 13, 5-7 pm at Vansville Community Center**

Ever wonder what's inside a computer, cell phone, or flat screen TV? Take apart some common household electronics to find out what they are made out of and what YOU can make from their parts. Using basic tools, participants will take apart electronics and use pieces to create their own working invention. We'll explore science, mathematics, engineering, and technology, and send inquiring minds off with a desire to want more! **WARNING** - After these sessions, kids may want to keep taking things apart!

Ages 10-17

Vansville Community Center
6813 Ammendale Road, Beltsville 20705

Deerfield Run Community Center
13000 Laurel-Bowie Road, Laurel 20708
Information: 301-953-7882; TTY 301-699-2544

S.T.E.A.M. INTO AVIATION

■ **Tuesday, November 10, 2:30-4:30 pm**

Explore the four forces of flight and discover how the Wright Brothers built wings for their planes. Test your early aviation skills on the Wright-Model B flight simulator. Test your paper airplane design skills in the museum's paper airplane launcher!

Ages 9-14

College Park Aviation Museum
1985 Corporal Frank Scott Drive, College Park 20740
Information: 301-864-6029; TTY 301-699-2544

ARTS OF SCIENCE

■ **Tuesday, November 10, 6-7:30 pm**

This is creative learning at its best! Through science experiments, children will engage in hands-on learning about the world around them. They will see cause and effect first hand - and they'll have fun in the process.

Ages 8-14

Marlow Heights Community Center
2800 St. Clair Drive, Marlow Heights 20748
Information: 301-423-0505; TTY 301-699-2544

PETER PAN S.T.E.A.M.

■ **Thursday, November 12, 10:30-11:30 am**

Explore the four forces of flight through stories and hands-on activities.

Ages 2-4

College Park Aviation Museum
1985 Corporal Frank Scott Drive, College Park 20740
Information: 301-864-6029; TTY 301-699-2544

S.T.E.A.M. UNIVERSITY

■ **Saturday, November 14, 10 am-12 noon**

Come out to the S.T.E.A.M. University for fun and learning! Students will participate in hands-on activities that reinforce Science, Technology, Engineering, Arts, and Math concepts.

Ages 5-10

Southern Regional Technology and Recreation Complex
7007 Bock Road, Fort Washington 20744
Information: 301-749-4167; TTY 301-699-2544

STEM FAMILY RECYCLING

■ **Saturday, November 14, 10 am-2 pm**

at Deerfield Run Comm Center and Vansville Comm Center

This event will allow families to participate in STEM activities that will encourage them to work together to solve engineering problems. Stations will be set up where participants can rotate through the test and build their STEM skills. Everyone will enjoy making floppy disk pads, floppy disk planters and a floppy disk pencil/pen holder. All materials and supplies are provided. Bring your creativity and imagination!

All ages

Vansville Community Center
6813 Ammendale Road, Beltsville 20705

Deerfield Run Community Center
13000 Laurel-Bowie Road, Laurel 20708
Information: 301-953-7882; TTY 301-699-2544

CAPITAL SCHOLARS: THE CODE ZONE

■ **Saturday, November 14, 1-3 pm**

Discover that learning to code is as easy as A-B-C, 1-2-3! Children between the ages of 7-12 will work together in age-appropriate groups developing a "mini-version" of a mobile app design and have a chance to showcase their designs!

Ages 7-12

Prince George's Sports & Learning Complex
8001 Sheriff Road, Landover 20785
Information: Camilla Marshall 301-535-7161
or Erika Applewhite 301-583-2432; TTY 301-699-2544

