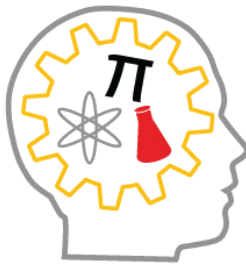


MARYLAND  
**STEM**  
FESTIVAL  
2017



**October 31–November 12**

Two weeks of educational events in  
science, technology, engineering,  
and mathematics held throughout  
MD & at all CCPL branches.

**TUESDAY, OCTOBER 31ST**

**Tech. Tuesdays**

**Elkton Central Library, 3:00 PM - 4:30 PM, Ages 11-17**

Discover and create with new technologies: Snap Circuits, Scribbler Robots, virtual reality goggles, and more!

**WEDNESDAY, NOVEMBER 1ST**

**Video Game Design Workshop**

**Elkton Central Library, 3:30 PM - 5:00 PM, Ages 11-17**

Learn how to use Unity game engine software to create a simple video game with Grunge Muffin Designs. Registration required.

**Down on the Farm**

**Perryville Branch Library, 4:00 PM - 5:00 PM, Ages 6-11**

Learn about farm animals and the products they give us! Registration required.

**Starlight Storytime: Code-A-Pillars**

**Elkton Central Library, 6:30 PM - 7:30 PM, Ages 3-5**

A special evening story time featuring an introduction to coding basics with our new early learning tech. toy, Code-a-pillars! Registration required.

**THURSDAY, NOVEMBER 2ND**

**3D Printing: Chip Clips**

**Chesapeake City Branch Library, 4:30 PM - 5:30 PM, Ages 6-10**

Learn how these tasty snacks have come to be, and use 3D printing technology to design and print your own chip clip. Presented by the University of Maryland Extension. Registration required.

**FRIDAY, NOVEMBER 3RD**

**Morning Academy: Kitchen Chemistry**

**Perryville Branch Library, 11:00 AM - 12:00 PM, Ages 6-11**

Observe chemical reactions in hands-on experiments using materials found in your kitchen. Registration required.

**SATURDAY, NOVEMBER 4TH**

**Down on the Farm**

**Port Deposit Branch Library, 11:00 AM - 12:00 PM, Ages 6-11**

Learn about farm animals and the products they give us! Registration required.

**MONDAY, NOVEMBER 6TH**

**Preschool Science: Pumpkins**

**Rising Sun Branch Library, 1:30 PM - 2:30 PM, Ages 3 1/2-5**

Investigate pumpkins with simple science experiments and hands-on activities. Registration required.

**Teen Tech. Lounge**

**Perryville Branch Library, 3:00 PM - 4:00 PM, Ages 11-17**

Explore all kinds of technology with your friends each week! Brought to you in partnership with the University of Maryland Extension.

**Web Comic Maker**

**North East Branch Library, 3:15 PM - 5:00 PM, Ages 11-17**

Blend coding and art to create your own web comics. Create images, tell a story, and share your work digitally. Special guest instructors from Cecil College will guide you through the process. Registration required.

**Be a Paleontologist**

**Cecilton Branch Library, 4:30 PM - 5:30 PM, Ages 5-8**

Practice identifying dinosaurs, digging for fossils, and studying dinosaur bones. Registration required.

**TUESDAY, NOVEMBER 7TH**

**Seed Bombs**

**Perryville Branch Library, 3:00 PM - 4:00 PM, Ages 11-17**

For STEM week, we will help the local flora and fauna by making seed bombs! Learn about native plants and how seeds are dispersed. Registration required.

**Device Dissection**

**Rising Sun Branch Library, 3:45 PM - 4:45 PM, Ages 11-17**

Uncover the inner workings of common electronics when we take tech apart to see what's inside. Registration required.

**Recycled Greenhouses**

**Chesapeake City Branch Library, 4:00 PM - 5:00 PM, Ages 11-14**

Learn the science behind greenhouses while creating your own garden from recycled materials. Registration required.

**NASA Earth Science: Live Stream**

**Rising Sun Branch 5:30 PM - 6:15 PM, Families with children 8 & up**

Participate in a live broadcast about NASA's orbiting soil testing observatory and virtual Q & A session with a NASA scientist. Registration required.

**NMTC Science Café: The Cost of Food**

**Elkton Central Library, 7:00 PM - 8:00 PM, Adults**

Registered Dietitian Caroline Bruce of Union Hospital will explain how agricultural practices determine the price of foods including the policies that make healthy food more expensive than food with poor nutritional value. Registration required.

**WEDNESDAY, NOVEMBER 8TH**

**Lights, Camera, Action!**

**Elkton Central Library, 3:30 PM - 4:30 PM, Ages 8-11**

Create a video using stop motion animation. Registration required.

**Horses in Motion**

**Rising Sun Branch Library, 3:30 PM - 4:30 PM, Ages 8-11**

Analyze how horses move and develop a working model. Registration required.

**LEGO Robotics**

**Cecilton Branch Library, 4:00 PM - 5:00 PM, Ages 7-11**

Work in teams to build a programmable LEGO robot using WeDo technology. In partnership with the University of Maryland Extension. Registration required.

**Farm to Bowl: Vegetable Soup**

**North East Branch Library, 4:00 PM - 5:00 PM, Ages 7-11**

Learn about your favorite vegetables and how they grow as we make homemade vegetable soup. Registration required.

**THURSDAY, NOVEMBER 9TH**

**Teen Tech. Lounge**

**Perryville Branch Library, 3:00 PM - 4:00 PM, Ages 11-17**

Explore all kinds of technology with your friends each week! Brought to you in partnership with the University of Maryland Extension.

**DIY Herb Garden**

**Cecilton Branch Library, 4:00 PM - 5:00 PM, Ages 11-17**

Make a miniature indoor herb garden, and learn how to use your herbs in delicious recipes. Registration required.

*Visit or call any CCPL branch or go to [www.cecil.ebranch.info](http://www.cecil.ebranch.info) to register for programs*

*To see a complete list of all MD STEM Festival programs statewide, visit <https://marylandstemfestival.org/>*