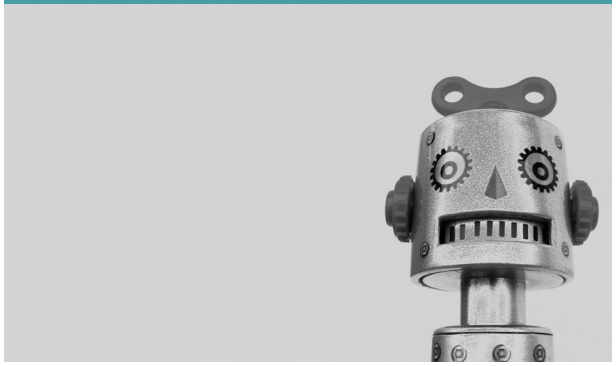
Hands-On Robots
April 21



Mad Science: Radical Robots
Workshops -- Repeated Sessions

Kids become wrapped up in the world of robotics! Volunteers act out the roles of a robot, a remote control device, and an automaton. A reading-and-writing robot draw shapes, detects objects, and tracks lines. Kids will circulate learning centers to control an automaton through sound, move a robot through a maze, and make a soccer robot score a goal! Finally, a soft and snuggly robotic seal pup is passed around for all to pet.

Repeated sessions at:

- 1-2 p.m.
- 2:20-3:20 p.m.
- 3:40-4:40 p.m.

More Activities -- 1-4 p.m.

- Robotics demonstrations by local school robotics clubs.
- Science-related art project.
- Other interactive STEAM activities.

Animal Adventures
May 19



Virginia Living Museum:
Animal Friends -- 1 p.m.

A VLM educator will provide a fun and memorable learning experience for kids featuring live animals from the Virginia Living Museum.

Virginia Aquarium:
Snail Science -- 3 p.m.

The Virginia Aquarium demonstrates the scientific method with "Snail Science." Take measurements, set up experiments, and make predictions in a hands-on, live animal program featuring mud snails and whelks.

More Activities -- 1-4 p.m.

- Science-related art project.
- Other interactive STEAM activities.

WILLIAMSBURG REGIONAL LIBRARY

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STEAM SATURDAYS

Science, technology, engineering, art, and mathematics fun for the whole family at the James City County Library

Made possible with the support of the Friends of WRL Foundation

Mad Science
January 13



Mad Science: Fire and Ice -- 1 p.m.

This show is so cool it's hot! Kids will be amazed by dazzling demos using fire, bubbling potions, and carbon dioxide gas frozen to 109°F below zero. Learn the properties of fire, chemical reactions, different stages of matter, and more. Some kids may even get to taste our world famous burps!

Discovery Stations and Make & Take Booth -- 1:30-3 p.m.

- Sonic Sounds: Learn how sound waves can be manipulated by changing your voice.
- Air Pressure: Explore the floating world of Bernoulli's principle and see how the air around us can crush cans and more.
- Make & Take Booth: Make your own crazy bouncing ball in 5 minutes.

More Activities -- 1-4 p.m.

- Science-related art project: make your own lava lamp.
- Other interactive STEAM activities

Critters & Crawlers
February 24



ZooPro Animal Adventures -- 1 p.m.

Meet exotic -- and not so exotic -- mammals, reptiles, amphibians, birds, and insects up close and personal with ZooPro Animal Adventures. Learn about their habitats and how they interact with humans at home and around the world.

Larsen's Amazing World of Reptiles -- 3 p.m.

Reptile experts Scott and Kim Larsen share stories, interesting facts, and trivia questions about their dazzling array of lizards, frogs, turtles, and snakes, then invite you to meet the reptiles up close and personal!
Caution: holding, petting, and greeting eye-to-eye may occur.

More Activities -- 1-4 p.m.

- Science-related art project.
- Other interactive STEAM activities.

Magical Math
March 17



The Magical Math Tour -- 1 & 3 p.m. (Repeat Performance)

Mathmagician Brian Curry's dynamic show will energize kids of all ages with laughter, cheers, and applause as they review important mathematical concepts. In addition to great math content, this show helps relate math to our everyday lives. During this show, children will play a special version of "Deal or No Deal" to uncover the meaning of probability. They will also review fractions as a newspaper is torn in half, quarters, eighths... and then it magically is restored. Each amazing piece of magic they see will remind kids of a concrete math concept long after the curtain closes.

More Activities -- 1-4 p.m.

- Science-related art project.
- Other interactive STEAM activities.