Little Innovators!

Adult-Child Classes for Grades K - 3

The Petersburg Public Library is partnering with the MathScience Innovation Center to offer a series of Little Innovator courses. Together students and adults explore the world of science, technology, engineering, and math through design-and-build activities, hands-on experiments, and engaging problem solving challenges. Encourage your little innovator to investigate, discover, and grow!

Location: Petersburg Public Library, 201 W. Washington St., Petersburg, VA 23803
Times: 10:00 AM - 12:00 PM
Registration: Please contact Jillian Dudley, Children’s and Teen Librarian for PPLS at (804) 733-2387 ext. 6401 or jdudley@ppls.org to sign up for a class.

Dates and Classes:

Saturday, May 18, 2019
WeBotics: Grades K-1
Have you ever seen a robotic zoo? With Legos you’ll get to build the latest member of the MSIC zoo. Not only that but you get to program your robotic creation to move and make sounds using Lego WeDo programing. Plug into your creative side and let’s build a zoo.

Saturday, June 8, 2019
Build A Bot: Grades 2-3
Create your very own nanobot and engineer it to complete given tasks. Can you create a vehicle for your bot? Can you get it to travel in a straight line? How fast can you make it travel? Bring your nanobot home with you and explore even more!

Saturday, June 29, 2019
Power of Play: Grades K-1
Bring out your playful, imaginative, and investigative side. Together, children and adults will investigate the science and math behind the marvelous invention known as TOYS. Using inspiration from traditional toys, students will design and engineer their own marvelous invention to take home.

Saturday, July 13, 2019
Electronic Switchery: Grades 2-3
Would you like to build an electronic circuit that can make a wheel fly into the air or a musical doorbell? Using a nifty set of electronic building blocks, explore electricity and make some “shocking” discoveries! Take home your very own light saber.

Saturday, July 27, 2019
Number Ninjas: Grades K-1
Through a variety of fun and challenging games, you will begin to recognize and describe important patterns in our number system. Use your ninja skills to create your own patterns and see numbers in a different and exciting way. Bring home your own portable games to play with friends and family.

Saturday, August 10, 2019
Little Coders: Grades 2-3
Create a bubble pop game with sound effects and a maze using Scratch programming and your imagination. Using simple drop and drag commands learn the basics of coding to make characters move, disappear, play sounds and more. Play all the games you create at home with your friends.