



CODING, ROBOTICS, ELECTRONICS, CAD & 3D PRINTING & APPLIED PHYSICS!
 Learn these relevant 21st Century Skills in our highly interactive & hands-on classes!



Classes begin Friday starting Oct 4th 2019
Classes on – 10/4,10/11,10/18,10/25,11/1,11/15,11/22,12/6
Registrations are open until 10/4/2019

- \$225 (8 sessions of 75 mins each)
- 3:45 -5:00 PM
- Minimum size of class is 10 students

ELEMENTARY SCHOOL		PROGRAM DESCRIPTION - FALL 2019
Robotics / Coding		<p>Robotics with Scratch (3rd-4th Grade)</p> <p>LEGO Education WeDo 2.0 is counted among the best tools for teaching robotics to children aged 7 to 9. Set includes a unique assortment of LEGO bricks and several electronic elements: one motor, two sensors and a hub that connects your construction with a computer, or a tablet. These sets can be programmed in the internationally known and esteemed Scratch programming language</p> <p>Register: https://educationlink.us/school/5/locations (Secure)</p>
Electronics		<p>FUN with ELECTRONICS (3rd & 4th Grade)</p> <p>Students will be introduced to electronics by doing hands-on projects on breadboards. They will gain a basic understanding of electronic component and behaviors. Students get to explore types of different circuits while covering topics related to electricity and electronics. Projects include: building resistors, capacitors, transistors circuits, touch sensors, 9 volt experiments, LED control, and simple integrated circuits.</p> <p>Register: https://educationlink.us/school/5/locations (Secure)</p>
Python		<p>PYTHON Programing (5th Grade)</p> <p>Python is a powerful, expressive programming language that`s easy to learn and fun to use. Python Art brings kids into the world of programming. Turtle graphics allow students to enjoy making fun graphics, music, game & animation while learning Python language basics. A fun introduction to coding!</p> <p>Register: https://educationlink.us/school/5/locations (Secure)</p>

***PLEASE NOTE: No makeup sessions for missed classes**

JMI ELEMENTARY SCHOOL PTA

In association, with STEAM WORKS STUDIO, EDISON, NJ