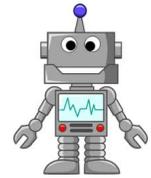Pathways for Exceptional Children
and Montville Township Recreation
Children K - 5th grades
VIRTUAL PROGRAMS FOR Oct -Dec 2020
Zoom Links will be given weekly for classes

1)   **Intro Block Coding Level 1 Ages 7- 12**
Upon completion of the class, the children will have a basic understanding of fundamentals of block coding and the knowledge to apply these skills while developing their own simple video games and building apps. The children will program Minecraft, Star Wars, Angry Bird, and other video games.
WHEN: Sundays: Nov 1, 8, 15, 22; Dec 6, 13 from 3:00pm-4:00pm.

2)   **WeDo Lego Robotics Level 1 Grades K-5**
The WeDo Lego Robots are perfect for kids that to love create. The students will use legos to build robots that are science rovers, pulling crabs, race cars, and more! They will use block coding on computers to give commands to the robots to move and perform tasks.
WHERE: All classes are virtual - Zoom links are sent. Parents will have to pick up the robots and return them each class. All robots are disinfected after use with 1-2 children per 6 week session using one robot. Email: info@PathwaysKids.org questions about the robots.
WHEN: Tuesdays: Nov 3, 10, 17, 24; Dec 1, 8, 15 from 5:30pm-6:30pm

3)   **CAD Programming Level 1: (Ages 8-12)**
Computer Automated Design is a software that allows kids to design whatever they want in 3D. The children will use TinkerCAD to design basic 3D projects. By the end of the 7 week program the children will pick an object they have designed to print on a 3D printer.
WHEN: Fridays: Oct 30; Nov 6, 13, 20; Dec 4, 11, 18 from 4:00pm-5:00pm

4)   **A Journey into Art : (Ages 4-6)**
Children will have a fun filled journey with art. They will learn about lines, shapes, and colors and how to mix them to make beautiful artwork. They will learn about shading and symmetry and how to draw what they observe in the world.
WHEN: Tuesdays: Nov 10, 17, 24; Dec 1, 8, 15 from 4:30pm-5:30pm

5)   **Python Level 1 (Grades 4-5)**
Children will learn the basic Python skills and how to write their first lines of   code. Children will learn functions that will perform certain tasks within their programs such as drawing and building their own calculator.
When: Wednesdays; Oct 28; Nov 4, 11, 18; Dec 2, 9, 16 from 5:30pm-6:30pm

AII ABOVE CLASSES ARE VIRTUAL ON ZOOM
No Classes Nov 25-29th - Thanksgiving Break
For more information: http://www.montville.org/recregistration
Look under Pathways Programs - Fall 2 2020
Any Questions? - Email : info@PathwaysKid.org