

Harrison Recreation Department Presents

6-Week After-School Enrichment Programs- January 10 through February 15, 2017



Computer Adventures is dedicated to providing children access to technology in a safe, fun, educational and, most importantly, confidence-building environment. Our courses provide technology programs for children in grades 1 through 8.

(914) 218-8175 www.computeradventures.com

Cost per student: Resident -\$195 Non-Resident \$225

All courses limited to 12 students

Minecraft® Building Wonders - A (Grade 3 and up)

Presented at the Veterans Memorial Building Community Center – 216 Harrison Avenue, Harrison, NY 10528
Tuesdays - 1/10, 1/17, 1/24, 1/31, 2/7, 2/14 3:30pm – 4:45pm

Course Code: MCBW-A

Prereq: Experience with Minecraft

Want to build some of those fancy, realistic-looking monuments in Minecraft? Utilizing various blocks, ores, crafted items, tools, students are challenged to replicate a famous structure and then design their own structure with some real and/or made-up fun facts. Teachers will provide tips and tricks on building better structures in Minecraft. This class maybe taken more than once, because different structure types from different geographical location and/or time period will be discussed.

**Students' projects will be available on the internet a week after course completion.*



Computer Game Programming - A (Grade 3 and up)

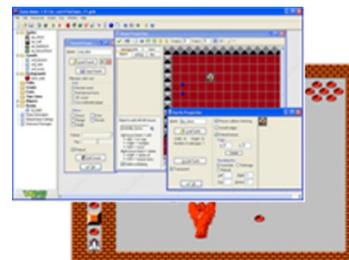
Presented at the Veterans Memorial Building Community Center – 216 Harrison Avenue, Harrison, NY 10528
Wednesdays - 1/11, 1/18, 1/25, 2/1, 2/8/, 2/15 3:30pm – 4:45pm

Course Code: CPGP-A

Prereq: Experience with computers

Students program their own customized functional arcade-style computer video game. This class will create game elements such as the player, enemies, bonuses, levels, lives, and program object movements. In addition to having fun and gaining a sense of accomplishment, students learn about programming logic, drag-and-drop programming; logical functions such as repeat loops, conditional statements and variables.

**Students will be able download their projects and resource files from class a week after course completion.*



LEGO® WeDo Robot Programming - A (Grade 1 to 2)

Presented at the Leo Mintzer Center Building – 251 Underhill Avenue, West Harrison, NY 10604
Tuesdays - 1/10, 1/17, 1/24, 1/31, 2/7, 2/14 3:30pm – 4:45pm

Course Code: LWRP-A

Prereq: none

This class provides the opportunity for the younger children to get an introduction to simple robotics. Build and program dancing birds, drumming monkeys, hungry alligators, roaring lions and many others. Students learn to build models, attach sensors and motors, and use a computer to program the model's actions and behaviors. Students will also learn about simple engineering concepts such as pulleys, belts, gear and levels, while having a blast with their creations. Students can repeat this course; instructor can challenge students with different robot projects.

**Students will not take the robots home. Robots and software can be purchased from Lego®*



Register for all courses online at: www.computeradventures.com/harrison