

Enrichment Classes 2017 Fall at Armonk, New York

Registration begins Wednesday, September 13 at 9 AM

Class Location: Hergenhan Center (North Castle Rec and Parks Dept)
40 Maple Avenue, Armonk, NY 10504
Phone: (914) 273-3325
Email: recreation@NorthCastleNY.com
Online Registration: <https://recreation.northcastleny.com>
Questions: Call (914) 273-3325 or email recreation@northcastleny.com

Monday

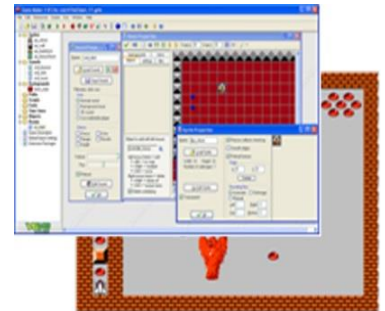
COMPUTER GAME PROGRAMMING for Grades 3 - 6

Prerequisite: Experience with computers.

By Computer Adventures

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, and logical functions, such as repeat loops, conditional statements, and variables. Student's projects will be available for download a week after course completion. Program #122791A.

DATES: 9/25, 10/2, 10/16, 10/23, 10/30, 11/6
No class 10/9
TIME: 3:45 - 5:00PM
LOCATION: Hergenhan Center
FEE: Resident \$220 | Non-Resident \$242



Tuesday

INTRO TO PROGRAMMING WITH SCRATCH for Grades 4 -8

By Computer Adventures

Scratch® is a programming language that was invented by MIT. Through the creation of interactive stories, animations, and games, students will develop a foundation of programming concepts (variables, loops, conditional statements, event handling, and more) that will prepare them for higher level programming language. This is a fun way to be introduced to programming. Student's projects will be available for download a week after course completion. Program #122791B.

DATES: 9/26, 10/3, 10/10, 10/17, 10/24, 11/7
No class 10/31
TIME: 3:45 - 5:00PM
LOCATION: Hergenhan Center
FEE: Resident \$220 | Non-Resident \$242



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Wednesday

LEGO JUNIOR ROBOTICS for Grades 1 - 3

By Computer Adventures

Students will work with programmable smart hub, motor, sensors, and various Lego bricks to build and program models such as robot, helicopter, truck, gorilla, frog, dolphin, and more. This course offers hands-on activities that will enhance their skills in science, engineering, technology, and coding. If you like WeDo Robots, you will love this course, as we work on different projects from a different robot set.

Program #122791C.

DATES: 9/27, 10/4, 10/11, 10/25, 11/1, 11/8
No class 10/18

TIME: 3:45 - 5:00PM

LOCATION: Hergenhan Center

FEE: Resident \$220 | Non-Resident \$242



Thursday

MINECRAFT BUILDING WONDERS for Grades 3 - 8

Prerequisite: Experience with Minecraft.

By Computer Adventures

Want to build some of those fancy, realistic-looking monuments in Minecraft? Utilizing various blocks, ores, crafted items, and 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 may be taken more than once, because different structure types from different geographical locations and/or time periods will be discussed.

Program #122791D.

DATES: 9/28, 10/5, 10/12, 10/19, 10/26, 11/2

TIME: 3:45 - 5:00PM

LOCATION: Hergenhan Center

FEE: Resident \$220 | Non-Resident \$242



Friday

LEARN TO CODE WITH SCRATCH JUNIOR for Grades 1 - 3

By Computer Adventures

Scratch Junior was designed for younger children as a precursor to other programming languages. Students control how their characters look and move, add sounds and images, and then use the programming blocks to bring their characters to life. Students create and express themselves with the computer rather than just interact with software created by others. They also learn to think sequentially, explore cause and effect, and problem solving skills. Student's projects will be available for download a week after course completion.

Program #122791E.

DATES: 9/29, 10/6, 10/13, 10/20, 10/27, 11/3

TIME: 3:45 - 5:00PM

LOCATION: Hergenhan Center

FEE: Resident \$220 | Non-Resident \$242

