



Digital Arts with
Photoshop

Visual FX



EXPLORE
CREATIVITY & TECHNOLOGY



Courtesy: Flareup

Game Design



Arduino:
Electronic & Computing

Game Design
Minecraft Edu



Film

Animation



Wreck-It Ralph
Courtesy: Disney Studios



Intro
Java Programming



Arduino:
Electronic & Computing



Visual Fx/Animation



Filmmaking



Courses:

Game Design with Minecraft Edu: Kids

Minecraft is a sandbox game where players can create and build, fight off enemies and explore vast landscapes. Our goal is to teach students Minecraft as a learning tool. For example, explore real life buildings, practice ratio and proportion, learn about survival. It also allows students an opportunity for **creative expression**. The game is being used to teach more than just computer skills. **Grade 3rd - 6th.**



Arduino: Electronic & Computing: Kids

What is Arduino? Arduino is an open-source platform used for building electronics projects. Students can bring gadgets to life with Arduino™ and its software. Learn how to program electronics and use the Arduino™ microcontroller to control real-world objects. We teach these young minds both basic computer programming and electrical concepts using hands-on experiments. It easily lends itself to **STEM** (science, technology, engineering, and math).

Grade 5th - 8th.



2D Game Design: Kids

Do you like to play games? How would you like to learn to create your own game instead of playing them? This course teaches students how to create their own role-playing game. Students will learn basic character design, level design, game planning, collision detection, environment background, and sound. **Grade 4th - 8th**

Intro to Visual Fx/Animation with Maya: Teens

Have you ever wondered how Hollywood visual fx movies are created? Now, you have the opportunity to learn from a Sr. Visual Fx Artist that has worked in the movie industry over 18 years. Mr. Roger Huynh has worked on numerous feature films such as *Lord of the Rings* and *Wreck it Ralph*. Along with prominent feature films, he also has worked on commercials for Lexus, and Mrs. Butterworth. **Grade 9th - 12th.**

Digital Arts with Photoshop: Kids

By taking our Digital Arts with Photoshop class, we hope students can become creators of digital content. Students will be learning Geometric Concepts (math), Impressionistic Art, (visual arts), and Alliteration Poem (language arts). At the same time, students will be learning new Photoshop tools and techniques. Students will continue to improve their Photoshop skills while learning new Math and Science, Language Arts, and Visual Arts projects throughout the series. **Grade 5th - 8th**

Filmmaking: Teens

Students will learn in-depth filmmaking process, storytelling, storyboard, green screen, vfx, pre-production, production, post-production, set lighting, camera depth, and see their ideas come alive on film. It is suitable from Beginner to Intermediate. **Grade 9th - 12th**

Intro to Java Programming: Kids and Teens

Java is a programming language used everyday. We use Java applications on website, games, super data center, and cell phone to internet. This course will focus on basic Java Programming and foundation of programming. Learning programming can be fun and enhancing game experiences. No prior programming experience is necessary. **Grade 7th - 12th**