Kidz Coding Camps

@ Holy Spirit School

8800 Braddock Road, Annandale, VA

Animation Studio

Grade 3-8

Create animated cartoons just like the pros. Learn the basics of animation as you draw your own characters and bring them to life with code. You will use visual programming to control the speed and type of animation as you add animals, dragons, monsters, and avatars into your coding projects. Create a portfolio of fun projects including original animated games, cartoon strips, music videos, and interactive worlds to share with friends and family.

No prior programming experience required.

July 9th—11th
Half Day Camp— 9AM—Noon

- Day 1: Frame Based Animation
- Day 2: Character Animation
- Day 3: Animated Storytelling
- Day 4: Music Videos
- Day 5: Two Player Games

JavaScript Coding

Grades 6 – 9

An introduction to JavaScript for intermediate or advanced coders. Students will be introduced to JavaScript as they complete engaging lessons, solve challenging puzzles, and build their own games in JavaScript.

T*opics Covered:* JavaScript syntax, sequencing, repetition, conditional logic, nested loops, automation, pattern recognition, simple motion, keyboard and mouse events, creating and using an HTML canvas, operators, expressions, variables, collision detection, using arrays and objects to store structured data.

July 9th—11th
Half Day Camp—1PM—4 PM

- Day 1: JavaScript Basics
- Day 2: More JavaScript Basics
- Day 3: JavaScript Game Design
- Day 4: JavaScript Games
- Day 5: Collaborative Exercise

Registration Form:

Name: _____ Grade Entering in Fall: _____

Address: _____

Name of Parent(s): _____ Phone # (during camp hours): _____

Email: _____

Payment: $250/camp *(includes snack)*   **Session: ___ AM   ___ PM   ___Both**

___ Check *(Made payable to: Mark Pietuszka)* ___ Cash ___ Credit Card (You will receive a phone call to make payment)