

# Jefferson County Middle School

## Coding

3232 State Hwy 926  
Louisville, GA 30434

*"Where Inspiration, Innovation, Imagination, and Collaboration are the Expectation."*

**Teacher:** Aaron Stevens

**E-mail:** [stevensa@jefferson.k12.ga.us](mailto:stevensa@jefferson.k12.ga.us)

**School Phone Number:** (478) 625-7626

**School Website:** <https://www.jefferson.k12.ga.us/Domain/992>

**Grade Level:** 6, 7, 8

**Subject:** Coding

**Room:** 303, 8th Grade Hall

### **Course Description:**

Coding is an introductory course in computer coding. Students will gain exposure in cybersafety, coding jobs, and several simple programming languages and techniques, including:

- Pixel Art
- Website Programming (HTML)
- Digital Animation
- Game Programming

### **Syllabus/Outline of Course:**

#### **6th Grade**

Weeks 1 & 2: Cybersecurity, Programming and Digital Art Jobs

Weeks 3 & 4: Coding Basics

Weeks 5 & 6: Intro to Sprites and Animation

Weeks 7, 8, & 9: Programming a Maze Game

#### **7th Grade**

Weeks 1 & 2: Cybersecurity, Programming and Writing Jobs

Weeks 3 & 4: Intermediate Coding & Algebra

Weeks 5 & 6: Intermediate Animation, Program Simple Cartoons

Weeks 7, 8, & 9: Program an Adventure Game

#### **8th Grade**

Weeks 1 & 2: Cybersecurity, Programming in Other Fields

Weeks 3 & 4: Advanced Coding & Algebra

Weeks 5 & 6: Advanced Animation, Program a Cartoon Episode

Weeks 7, 8, & 9: Program an Action Game

### **Course Work**

Every student is expected to participate in the activities that we are working on for that week.

Your grade will be determined by your effort, progress, attitude, and following directions. Weekly journal reflections will be required in addition to completing projects.

### **Supplies (Optional, but recommended)**

Earbuds or headphones with aux cord.

Computer Mouse with a USB cord or USB wireless receiver

Note: Devices that are bluetooth only, such as Apple Airpods, will NOT work. Devices MUST have a cord or USB wireless receiver.

### **Expectations / Consequences / Discipline**

Students must adhere to the JCMS Student of Code of Conduct, as well as specific class rules. The class rules are posted in the classroom, and are quizzed on at the beginning of each nine-weeks.

### **Classroom Expectations**

- Arrive on time and prepared for class.
- Listen Carefully & Follow all instructions.
- Keep hands, feet, and objects to yourself.
- Be respectful of others.
- Be respectful of school property.
- No Food, Drink, Candy, or Gum.

**\*\*\*\* The teacher reserves the right to adjust the syllabus and to differentiate instruction as needed to meet the needs of students and ensure academic success. \*\*\*\***

### **Safety Notice**

Parents are hereby informed that some of the equipment in the Coding & Technology lab can be hazardous. Failure to follow safety rules could result in burns, cuts, shocks, or abrasions.

Students are expected to pass a safety exam before being allowed to work with any equipment. No personal protective equipment (PPE) is required.

**Students are expected to follow all safety rules in the lab at all times. Failure to follow the safety rules will result in a referral to the office. Repeated offenses will result in the student not being allowed to use lab equipment, and will be required to perform research and writing assignments, instead of working with materials hands-on.**

**Students will be responsible for any equipment damaged through failure to follow safety rules or negligence.**

**Parent Contact and Acknowledgement**

Students and Parents/Guardians, by signing this Connections syllabus, you are hereby considered knowledgeable of the requirements outlined in the Connections syllabus for the **2020-2021** school year. Please complete this page and return to the teacher.

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Parent/Guardian Name: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Parent Guardian Address:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Day Time Phone # \_\_\_\_\_ Cell Phone # \_\_\_\_\_

Home Phone # \_\_\_\_\_ Other Phone \_\_\_\_\_

You prefer to be contacted by:       text       email       phone