**Computer Science Discoveries I**

**8th Grade Course Syllabus**

**Class Times** 2:32 pm to 3:17 pm and 3:20pm to 4:10 pm

**Teacher: Mr. Raphael Brown**

**Email:** [**brownr3@gcsnc.com**](mailto:brownr3@gcsnc.com)

**Phone (336)370-3471 Ext.448605**

**Google Voice (336) 355-8616**

**Course Overview:**

**Information on CS Discoveries:** This class is designed to help students build the foundation for Computer Science. Students will build on the skills of Google docs, Microsoft Word, and PowerPoint. Students will learn about the Problem-Solving Process, Design an App in coding. They will also do some work in other coding websites to help develop their coding skills.

**UNITS OF STUDY:**

**Unit 1: Problem Solving Process:** The Problem-Solving process is a set of skills taught to the students to help with solving different problems in computer science. The process is where students learn to define problems, prepare to solve problems, try to solve the problem, reflect on how solving the problem worked or did not work. We will work different problems in class to help with learning this process.

**UNIT 4: App Design:** We will begin this unit looking at Internet Safety/ Digital Citizenship. Wewill then learn how the computer works, followed by learning how to Create an App using Java Script. We will also do some block coding in other coding platforms.

**Expectations:** I have very high expectations for of all my students. To use internet safely and age appropriately, engage in virtual worlds such as Minecraft, and create powerful tools like websites, games, and apps requires trust and clear communication. Therefore, it is important that everyone in the class adopts the same high expectations for themselves. Below are some guidelines to help you achieve these expectations.

* Ensure internet safety at all times
* Only go to sites approved by GCS and Teacher
* Do not share personal information

**Needed Materials:**

* Pencils
* Journal or Composition book

**Class Attendance:**

Students are expected to attend class everyday they are present at school**.** If a student is absent it is the student’s responsibility to look on Canvas for the day’s work missed. Students will have 3 school days to make up any work from an excused absence.

**Grading Policy:**

Journal/Class Participation 20%

Classwork 40%

Projects 40%

**Grades will be updated weekly on all assignments**

**Classroom discipline:**

**No cellphones are allowed in class at all they need to remain in lockers. Cell phones that are found in class will be handled by a member of Administration.**

Read over and become familiar with the student code of conduct for the rules of the school the same rules apply in the classroom. Keep in mind any behaviors that distracts me or keeps other students from learning effectively is a discipline problem and will be addressed and handled properly.

Consequences for Expectations and Tardy Policy

1st Offense Verbal Warning

2nd Offense Written assignment of Class Expectation or Behavior Policy

3rd Offense Parent Contact

4th Offense Discipline Referral in Educators Handbook

I ask that you take a few minutes and review the class syllabus with your student and sign and return them back to school by Friday September 8, 2023. Please sign below to acknowledge that you and your student have read the above information about CS Discoveries. Students will need to return this, and it will be kept in their class folder.

If there are any questions, please feel free to speak to me before or after class(student) or contact me by phone or email parent or guardian at (336)370-7471 or by email at [brownr3@gcsnc.com](mailto:brownr3@gcsnc.com).

Student:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent/Guardian:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_