**Computer Science Principles I**

**Syllabus – 2021-2022**

**Coach J. Battle – Career and Technical Education Teacher**

Planning 4th Period, Tutoring Day Mondays (4:00-4:30)

Room 220, Phone # 819-2825, ext. 203936, email: battler@gcsnc.com

**Course Description:**

This entry level programming class will be taught using the Code.org curriculum featuring a block-based version of JavaScript.

**Curriculum Goals:**

The curriculum can be found at Code.org and consists of the 5 Units as outlined below:

|  |  |
| --- | --- |
| **Unit 1**Digital Information | Explore how computers store complex information like numbers, text, images and sound and debate the impacts of digitizing information. |
| **Unit 2**The Internet | Learn about how the Internet works and discuss its impacts on politics, culture, and the economy. |
| **Unit 3**Intro to App Design | Design your first app while learning both fundamental programming concepts and collaborative software development processes. |
| **Unit 4**Variables, Conditionals, and Functions | Expand the types of apps you can create by adding the ability to store information, make decisions, and better organize code.  |
| **Unit 10**Cybersecurity and Global Impacts | Research and debate current events at the intersection of data, public policy, law, ethics, and societal impact. |

**Classroom Materials:**

* 1 subject notebook for notetaking
* Writing utensil (pen or pencil)
* Earbuds (headphones)

**Grading:**

**Course work will consist of:**

|  |  |
| --- | --- |
| * Class Work\*
 | 35% |
| * Projects
 | 35% |
| * Unit Tests
 | 30% |
|  |  |

*\*Class Work may include in text practice, group work, worksheets, outside reading, or other assignments aimed at providing extra practice and reinforcement of the ideas covered in class.*

A 90-100

B 80-89

C 70-79

D 60-69

F 60 or below

**Quizzes/Exams:**

Quizzes will be given on a weekly basis. Tests will be given at the end of each unit. If you are absent the day of a test/quiz, you will have 3 days to make up upon your return to school. Make up work is the responsibility of each student. It is NOT the responsibility of the teacher to remind you that you need to turn in missed work. If you know you are going to be absent, please advise me in advance and I will be happy to work with you. If you turn in work late, you will be penalized a letter grade unless your absence is due to illness, death in family or other unforeseen situations.

**Submission of Assignments/Testing**

Students will submit assignments in the designated area and or electronically by the specified due date. The maximum grade is deducted by a letter grade for being submitted after the due date.

**NO LATE WORK WILL BE ACCEPTED BEYOND 5 SCHOOL DAYS.**

Assignments are to be completed DAILY in the classroom and saved to the student’s computer unless directed otherwise by the teacher.

Testing will be Internet-based as will the final exam. Special accommodations will be made for those students having modifications that prohibit computer testing.

**All students must take the final exam because it is a state test. There are no exemptions!**

**Bathroom Policy**

Each student will be allowed to go to the bathroom during class 4 times per 9-weeks. Students will ask for permission from teacher and teacher will keep track of trips. After 4 times have been used up, student will no longer be able to leave during class to go to the bathroom until the next 9-weeks starts. After the first 9-weeks students will be reset back to 4 bathroom trips.

**Dishonesty**

Cheating will not be tolerated. This includes work both in and out of the classroom. If a student(s) is caught cheating, that student(s) will receive 0 (zero) credit for the assignment.

**Interim Reports**

Interim Reports will be issued every three (3) weeks. In addition, parents will be notified periodically if your child is in danger of failing this course or any behavior/attendance issues. Parents will also be notified about positive progress from their students.

**After School Tutorials**

I am available for tutorials on Monday afternoons from 3:50pm-4:30pm. Bus transportation may be available for students staying for after school tutorials. Check with front office for updates.

**Teacher Expectations for Students:**

1. BE PROMPT
	1. Be in your seat by the bell or designated time.
2. BE PREPARED
	1. Bring notebook, writing utensil, books, and completed homework assignments.
3. BE POLITE
	1. Respect others and their contributions to discussions.
	2. Be kind in word and actions.
4. BE POSITIVE
	1. Try to learn something from every situation.
	2. Bring your best attitude and effort every day.
5. BE PRODUCTIVE
	1. Stay actively engaged in all learning experiences; individual, partner, and group.
* ***The computers are to be used for doing research and projects, NOT for personal reasons (games, email, etc.)***
* ***ALL FOOD IS STRICTLY PROHIBITED!!!***
* ***There will be no use of cell phones during class time.***

**Consequences:** 1)Verbal reprimand/warning 2)Parent/Guardian Contact 3)After school detention with teacher 4) Counselor/Support Specialist contact 5) Parent Teacher Conference 6) Administrative intervention

*High Point Central High School Vision Statement:*

*The community, parents, faculty, and students work as a family to provide motivation, communication, and opportunities to enhance success. Each member of the family interacts with each other with respect, integrity, and compassion. The faculty and staff recognize that all students can learn, but not all students learn in the same way and at the same rate. HPC provides opportunities for different learning styles in a structured and supportive environment. The students accept responsibility for becoming successful learners and citizens. Those leaving HPC are provided the skills necessary to function effectively and competitively in a global society.*

*Student Signature:*

*Parent/Guardian Signature:*