



***Teacher: Ms. Angelia Kirk
Syllabus & Expectations***

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***Fundamentals of Computing
Course Description & Objective:***

Fundamentals of Computing is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Through creativity and innovation, students will use critical thinking and problem solving skills to implement projects that are relevant to students' lives. They will create a variety of computing artifacts while collaborating in teams. Students will gain a fundamental understanding of the history and operation of computers, programming, and web design. Students will also be introduced to computing careers and will examine societal and ethical issues of computing.

OBJECTIVE: Given the necessary equipment, software, supplies, and facilities, the student will be able to successfully complete the following core standards for courses that grant one unit of credit.

***Fundamentals of Web Page Design & Development
Course Description & Objective:***

The Fundamentals of Web Page Design and Development course will guide students in the development of websites in a project-based, problem-solving environment. Students will learn HTML as a means to organize website content and CSS to format the appearance of website content in order to develop websites that are well-organized, universally accessible, and easy to navigate. Students will learn the technological processes, requirements, and legal ramifications for publishing their websites. Successful completion of this course will prepare students for certification.

NOTE: Websites created by students in this course are not to be published without following district guidelines.

OBJECTIVE: Given the necessary equipment, supplies, and facilities, the student will be able to successfully complete all of the following core standards for a course that grants one unit of credit.

INSTRUCTIONAL MATERIALS:

Accounts: Gmail, Google, CodeHS.com, Code.org, EdPuzzle

Programs or applications: Java, Flash (for a few interactives to work)

Hardware: Chromebook with Internet Access. Headphones & access to a Microphone are suggested, and the ability to run the programs in the individual assignments is listed in this syllabus.

Videos: Please check your access to play the videos [Click here](#)

At Home for E-Learning: You are encouraged to get Headphones with a built-in microphone that can cut down on the amount of background noise interference and may help focus.

SUPPLIES NEEDED:

Beyond the Chromebook, general school supplies will continue to be helpful; however, based on the course, they are not needed as frequently or in significant volume. Think about having the following on hand throughout the year:

-Composition book for note taking

-Notebook paper

-Pencils, pens, erasers

INDEPENDENT PROGRAM SITES:

We will access independent sites for information and tools. Students must save the final product to their drive and upload it to Google Classroom. Do not attach a direct link copied from the browser tab. The link will only allow a second-party person to view your creation with login information.

ONLINE TEXTBOOKS AND APP ACCESS:

You can access all Greenville County-provided services like online textbooks, Discovery Ed, Lesson Planet, or Newsela through your student backpack by clicking on the left navigation panel 'Education apps' or the links in our Google Classroom.

GOOGLE CLASSROOM:

Interactive Behavior Expectations:

Google Classroom and apps record and time stamp your typed comments and interactions and link to your account. You are responsible for all actions that happen under your login and on your Chromebook. For this reason, do not share your equipment or login information with siblings or friends. You must keep your words respectful and school-appropriate for class comments on Google Classroom or in shared documents. Inappropriate comments, emails, or other actions will result in parent and administrative contact.

Turning in work:

ALL WORK MUST BE TURNED INTO GOOGLE CLASSROOM- Do not email attachments or links directly to the teacher's email--you will not receive credit. If you are creating something on an independent website, you need to save images or documents to your Google Drive before you attach them to an assignment in Google Classroom. If you try to copy and paste the link directly from the browser tab, it will block your teacher from viewing your work, and you will not receive credit.

There are two places where feedback will be posted: Google Classroom and Student Backpack. Individual comments, points, rubrics, or corrections will be made through Google Classroom within your documented assignment and returned as points to you. **SEVERAL GOOGLE CLASSROOM ASSIGNMENTS** may be averaged together before they are added as a **SINGLE** grade into a student backpack. That means if a grade in the backpack is 'NHI' or missing, it may mean several parts need to be added in Google Classroom.

GOOGLE CLASSROOM POINTS MUST BE MANUALLY ENTERED BY THE TEACHER INTO THE BACKPACK. That means you will not immediately see a grade change in Backpack when you click 'turn in' on Google Classroom. The teacher still must physically view your grade and then add the points into the backpack program for it to change in your grade.

Clicking turn in without completing or attaching work- Students who click turn in without completing or attaching the actual work will have the work 'returned' without a grade. If a student continually clicks turn-in on assignments without completing or attaching work, the teacher will contact the parent and administration.

Late Work:

Refer to the current Student Handbook for the School Late work policy:

Students must follow classroom rules and complete assignments during the allotted class period. Any student off-task and not completing classroom assignments will receive a disciplinary infraction. However, if a student misplaces an assignment or needs to hand in any work after the assigned due date, they must communicate a need for an extension with their teacher. Any missing work should be coded as an "NHI" in the grade book until the assignment has been turned in. Late work should be accepted up to 5 days after the original due date without a reduction of points based on the date. Grading should be based solely on mastery of content and reflect the student's accuracy and quality of work. Therefore, no late work will be accepted within five days before the end of a grading period.

Absences:

When a Student returns from an absence, check Google Classroom for assignments and announcements. Then, check with the teacher for specifics. Work that cannot be completed during the same day of return- has five late days to complete.

Make-up work must be completed within five days of the last missed day to receive credit. If a student has multiple absences, please contact the teacher.

GOOGLE MEET- E-LEARNING DAYS

School Rules/ Code of Conduct and Dress Code:

District expectation is to be on your district Chromebook for live meets: You must access several documents on different tabs during class. Accessing the class on a phone or other device makes it difficult to remain muted and participate appropriately.

Your clothing and posture should align with Greenville County's general dress code and how you would sit for an 'in-person' class.

If your clothing or posture is distracting or inappropriate, you will be asked to turn off your video screen and correct the issue before returning to the class. Parents and administration will be contacted if you do not correct the case or if it becomes a recurring problem.

During live classes, please find a space in your home that is as free of distractions/noise as possible, and be aware of background decorations because of your webcam. Aim your camera to show only shoulder level and above as much as possible. ***Whatever is because of your camera (yourself, the room, other people) should be appropriate for a live class. Google has a filter to create a background if needed.***

Parents should not be visible or speak directly to the class during a Google Meet class- this is for the security and safety of other students and respect for the activities and time for the class. Parents may contact the teacher via phone or e-mail to schedule a conference.

Class Rules:

1. Always use Respectful Language and Behavior with other students and teachers.
2. Focus on your task during class meeting time: *We share this time with others, and our time is limited! Be on time, Be on Task, and Be on your Best Behavior.*
3. In class--Raise your hand when you wish to speak. In Meets--Keep your volume on mute, Type in the chat when you want to share, or click the hand raising button and wait to be called on and allow others to speak without interruptions--significantly since the sound will cut off when two people are speaking in a meet at the same time.
4. NO FOOD OR DRINKS Policy- Due to the computer equipment in the classroom, there will be no food or drinks allowed. The only exception is a water bottle with a cap ON is permitted. No other beverages, food, or candy substances are allowed.
5. NO CELL PHONE Policy- The use of electronic devices is restricted to before and after school hours only. Cell phones must be turned off and out of sight throughout the school hours of 8:15 to 3:15. This cell phone should stay in your student locker. Students may not use or have their cell phones turned on without permission from an administrator. Disciplinary actions will be enforced.

Class routine:

Typical routines both in class & e-learning

10 minutes- Attendance is checked, general announcements and students complete the bell ringer

10-15 minutes- Teacher presentation of new concepts or Instructions/overview of daily assignment

Independent assignments :

40 minutes- Students work alone on the assignment and Screen off, Meet browser tab still live- Teacher monitors chat for questions, or students can ask for individual clarification.

20 minutes- The whole group returns to Google Meet, mic off, screen ON- Teacher leads and students can use chat to respond or offer information before being called on.

10 minutes- wrap-up activity- Students may be asked to respond on Google Classroom or add to their assignment before submitting.

OR

Small Group work:

60 minutes- divided into segments for each group. After class instructions are given, the students can log off and then return at their assigned small group time according to the posted schedule on Google Classroom. This time would be to work on group projects or peer review activities. The teacher will be present to monitor the students' interaction or lead the activity.

Grading Policy:

50% Major Assessments (Tests, Projects) AND 50% Minor Assessments (Class and Homework, Quizzes, participation)

Grading Scale: A 90 – 100 B 80 – 89 C 70– 79 D 60 – 69 F 50 – 59

GFA=Grade Floor Applied

Your child mastered less than 50% of the assessed information, resulting in less than 50 out of 100 possible points.

NHI=Not Handed In. Your student has not turned in this assignment.

All graded assignments will be posted on the Parent Portal. If a parent/guardian has questions about graded assignments, please contact me via email.

Fundamentals of Computing Units:

A. SAFETY

B. STUDENT ORGANIZATIONS

- C. TECHNOLOGY KNOWLEDGE
- D. PERSONAL QUALITIES AND EMPLOYABILITY SKILLS
- E. PROFESSIONAL KNOWLEDGE
- F. WEB DESIGN PRINCIPLES (INCORPORATED THROUGHOUT THE COURSE)
- G. PLANNING AND DESIGN (INCORPORATED THROUGHOUT THE COURSE)
- H. CONSTRUCTING WEBSITES: HTML
- I. CONSTRUCTING WEBSITES: CSS
- J. CONSTRUCTING WEBSITES: JAVASCRIPT (OPTIONAL)
- K. QUALITY ANALYSIS & USER EXPERIENCE
- L. PUBLISHING AND MAINTAINING WEBSITES

Fundamentals of Web Page Design & Development Units:

- A. SAFETY
- B. STUDENT ORGANIZATIONS
- C. TECHNOLOGY KNOWLEDGE
- D. PERSONAL QUALITIES AND EMPLOYABILITY SKILLS
- E. PROFESSIONAL KNOWLEDGE
- F. WEB DESIGN PRINCIPLES (INCORPORATED THROUGHOUT THE COURSE)
- G. PLANNING AND DESIGN (INCORPORATED THROUGHOUT THE COURSE)
- H. CONSTRUCTING WEBSITES: HTML
- I. CONSTRUCTING WEBSITES: CSS
- J. CONSTRUCTING WEBSITES: JAVASCRIPT (OPTIONAL)
- K. QUALITY ANALYSIS & USER EXPERIENCE
- L. PUBLISHING AND MAINTAINING WEBSITES
- M. CAREER DEVELOPMENT