Unit 0:Website Preparations

Content Area: **Computer Science**
Course(s):
Time Period: **Marking Period 1**
Length: **5-10 days**
Status: **Published**

Brief Summary of Unit

During the first few weeks of the course, each member of the team will determine their role in assisting with the updating of the website. Team members will have responsibilty to check the email, keep the calendar of events updated, maintaining the daily period notifer app, and reporting on their current projects. Making sure the website is updated for the new school year is important to do as quickly and accurately as possible.

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P.1	Act as a responsible and contributing community members and employee.
P.4	Demonstrate creativity and innovation.
P.5	Utilize critical thinking to make sense of problems and persevere in solving them.
P.6	Model integrity, ethical leadership and effective management.
P.7	Plan education and career paths aligned to personal goals.
P.8	Use technology to enhance productivity increase collaboration and communicate effectively.
P.9	Work productively in teams while using cultural/global competence.
8.1.12.NI.2	Evaluate security measures to address various common security threats.
8.1.12.NI.3	Explain how the needs of users and the sensitivity of data determine the level of security implemented.

Essential Questions / Enduring Understandings

Essential Questions:

- What information has changed from last year to this year?
- How do we obtain new information?
- Who will be responsible for updates in each section of the website?
- How does working on a team help tasks get completed faster/more efficiently/more effectively?

Enduring Understandings:

- Building off of a solid foundation of planning and preparation will save work in the long run when it

comes to large projects such as the CHS website.

Objectives

Students Will Know:

- what section of the website they will be responsible for.
- how to retrieve information from staff members.
- how to update a webpage remotely.

Students Will be Skilled at:

- HTML and CSS editing.
- Google Suite Programs (Drive, Sheets, etc).

Learning Plan

- Email and digital communication tools (remind, discord, etc) are used in order to make sure all members of the team are involved in the decision making process.
- Cloud Based Checklists and Cloud Based Storage are utilized to keep track of updates and move files between computers efficiently.
- Lead Webmaster chosen to assist in ensuring new members are on task and can complete the updates they are required to. This person is selected as the most senior member - either someone who was on the team in the previous year, or who worked closest with the team during Web Design II.

Assessment

- Formative: Daily assessments using examples from class notes and CodeHS.com, AP Classroom/Albert Checks for Understanding
- Summative: Teacher-created assessments/projects and CodeHS Computer Science Projects, AP Classroom/Albert Unit Assessments
- Benchmark: Check for understanding benchmark assessments on CodeHS, AP Classroom/Albert/Khan Academy Diagnostics
- Alternative Assessments: Student-centered activities such as a doorbell coding project, game design projects, and other activities involving real world applications

- Upkeep of the CHS website.

Materials

Core instructional materials: Core Book List

Supplemental materials: CodeHS

- The Internet
- CHS@CRANFORDSCHOOLS.ORG - Email and Google Suite

Integrated Accommodation and Modifications

Web Team Accommodations and Modifications