Unit 2: Communication & Feedback

Content Area: **Computer Science**
Course(s):
Time Period: **Marking Period 2**
Length: **20-25 days**
Status: **Published**

Brief Summary of Unit

When developing websites one most consider who the site is for. It is important that materials be presented in a way to the end-user that is friendly, accurate and easy to navigate. In order to do so, the team must communicate with all parties involved. Students, staff, parents, and community members are all users of the site and information must be obtained from them in order to accurately display it. Team members must develop modes of communication with these parties in order to obtain information for the site as well as feedback on updates.

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P.1	Act as a responsible and contributing community members and employee.
L.SS.11–12.1	Demonstrate command of the system and structure of the English language when writing or speaking.
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.
L.KL.11–12.2	Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening.
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.AP.7	Collaboratively design and develop programs and artifacts for broad audiences by incorporating feedback from users.
	Engineers use science, mathematics, and other disciplines to improve technology. Increased collaboration among engineers, scientists, and mathematicians can improve their work and designs. Technology, product, or system redesign can be more difficult than the original design.

Essential Questions / Enduring Understandings

Essential Questions:

- How do you effectively communicate with your colleagues and superiors in order to obtain information?
- What makes a website user-friendly?
- What are efficient ways to collect feedback on a website?
- How do you synthesize data into useful information?

Enduring Understandings:

- Communication skills are a leading attribute that employers are looking for. No matter the computer languages you know, the most important one is communicating in the language of the customer.

Objectives

Students Will Know:

- how to write a professional email.
- different methods for obtaining information for when one mode is not working.
- how to get feedback from the site users.
- how to develop the website to maintain viewership and gain new ones.

Students Will be Skilled at:

- reading critical feedback without getting defensive.
- communicating effectively with people of all ages and job titles.

Learning Plan

- Discussion on what qualities a professional email posseses and things that should not be included within those correspondences.
- Website idea pitches practiced with students from Web Design I or Web Design II classes.
- Develop methods for obtaining feedback both online and offline.
- Discussion on the kind of feedback you will get, positive, negative and ambiguous, as well as how to handle the information.
- Review websites from other schools to identify features & content that make them user friendly (or not).

Assessment

Assessments

- 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

- Updates on the CHS Website
- Meeting notes from CHS personel & CHS students regarding updates
- Update reports based on feedback

Materials

Core instructional materials: Core Book List

Supplemental materials: CodeHS

Integrated Accommodation and Modifications

Web Team Accommodation and Modifications