YEAR AT A GLANCE: ***Coding and Computer Science*** *- 8th*

Your colleagues will determine how many units will comprise the map - add or delete as necessary. The remaining info for this doc is straightforward. You will likely start by using the units you currently have to flesh out the year. Units should be shown in the order in which they will be taught.

	UNIT 1	**UNIT 2**	**UNIT 3**	**UNIT 4**	**UNIT 5**
Title	Basics of Coding	Introduction of CSS skills	Advanced CSS	Multi Page Websites	Interactive Websites
Unit Length *(weeks taught)*	2 weeks	2 weeks	2 weeks	2 weeks	2 weeks
Performance Task *(e.g., Persuasive Essay, DBQ, Nutritional Analysis, etc.)*	Students will be able to evaluate the basic HTML structure of a website. Create a basic introductory HTML webpage.	Students will be able to construct a website on fictional characters through using stylistic details. Practice color combinations through a color web and HEX color codes.	Students will be able to develop skills further through divs, class, and id tags to group HTML/CSS code. Individualize the websites on fictional characters.	Students will be able to create a working navigation bar that responds and changes colors. Produce a website about an entrepreneur store of choice to exemplify the skills learned thus far.	Students will be able to finalize the entrepreneur website by using Javascript. Combine everything we now know with coding to create the last project.
Enduring Understanding (The big ideas, the "why" we include these ideas	Knowing HTML allows you to learn a new language and know how webpages function.	Being able to bring out your own personality and express yourself through code.	Creating a website based on your interests and your own color theme. Themes matter when creating a website	Jobs want to see you produce an efficient website or code, and to be able to find the errors on your own.	Websites cannot function nor run with errors. All websites need Javascript to create an interaction of some sort.
Essential Questions (What do we want students to think about)	What is the purpose of HTML tags? How do we code? Why is learning a new language important?	How can we visually enhance our websites? How does HTML and CSS work together?	How are themes essential? Why do colors matter on a website? How can we combine various CSS skills together?	How can I put my skills that I learned to practice? How much do I know about HTML/CSS so far? Can I find my own errors?	What are the different capabilities of the three coding languages? What will my end product be?