Curriculum Map: Web Design
Course: WEB DESIGN Sub-topic: General

Grade(s): 9 to 12

Course Description:	In this project-based course students will learn HTML and CSS programming languages, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multi page websites. Students will learn the foundations of user interface design, rapid prototyping and user testing, and will work together to create professional, mobile responsive websites. In today's world, web pages are the most common medium for sharing ideas and information. Learning to design websites is an incredibly useful skill for any career path.

Course Textbooks, Workbooks, Materials Citations:	CodeHS - Web Design Picasso

Course Notes:	All resources for this course can be found in Moodle and CodeHS

Unit: What is the Web?

Unit Description:	Students are provided with a high-level introduction to the Internet and how it functions, investigate how the Internet has impacted society over time and set course goals for themselves.

This Curriculum Map Unit has no Topics to display

Unit: HTML-Structuring Websites

Unit Description:	Students learn about the language behind all websites: HTML. Students learn about several different HTML tags as well as the basic structure of a web page. Students use HTML to develop several of their own creative web pages.

This Curriculum Map Unit has no Topics to display

Unit: CSS - Styling Websties

Unit Description:	Students learn the language CSS and use it to style their web pages. Students learn about the benefits of styling with CSS and will use CSS to create several styled web pages of their own.

This Curriculum Map Unit has no Topics to display

Unit: Advanced HTML and CSS

Unit Description:	This module dives deeper into different things we can do with HTML and CSS. Students practice advanced topics in HTML and CSS, including visibility, image filtering, interaction, and animation, to develop more advanced websites

This Curriculum Map Unit has no Topics to display

Unit: Bootstrap

Unit Description:	This module introduces students to Bootstrap, an HTML and CSS framework for developing responsive, professional websites. Students use Bootstrap to develop several professional, mobile responsive websites.

This Curriculum Map Unit has no Topics to display