Web Design Basics & Project Based Learning

Developed for: HS Web Design teachers

Join us for a fun two-day workshop designed just for web design teachers! We'll dive into hands-on coding sessions to boost your technical skills while building a supportive community of educators. You'll explore responsive design techniques and create interactive elements that your students will love. By the end, you'll have developed your own responsive web page and practical lesson plans, like a personal portfolio site and an interactive image gallery.

Specific topics that will be addressed:

- Coding in HTML & CSS
- File organization
- Planning a website
- Adding media to your webpages
- Linking pages together to form a website
- Responsive web design
- Visual Studio Code
- Lesson planning for web design PBL
- Assessing web design projects

Participants will walk away with access to a shared repository full of teaching resources to make your planning easier. Come ready to collaborate and share ideas!

Participants will need to bring:

Lesson Swap: Time will be built in to share and trade your favorite lesson plan/activity **relating to web design**. Anything that you have used, and your students responded well to; or anything you think sounds fun and want to share. Please bring 15 copies of ONE lesson plan/activity.

Laptop & charger: to access information or videos as needed. **OPTIONAL**. We will be in a computer lab with the programs already installed. However, if you bring your own, please have:

- **Visual Studio Code** (not to be confused with Visual Studio) installed. It is free.
- **Photo and video editing software** of your choice. We will have Adobe Photoshop and Premiere Pro installed on the computers in the lab. We will not be covering how to use your editing program, but converting media files you will need for your website.

Layers: Not the Photoshop kind. ;) My room tends to get a little chilly, so bring a sweater or jacket in case you need to thaw your fingers at some point. However, sometimes it's also a little warm. So…layers.

Supplies: Cell phone tower? My room is a dungeon when it comes to cell service. Otherwise, we should have all the supplies taken care of.

	2025 CTE Summer Swap Academy	
	hosted by Maize Career Academy	
	facilitated by Kansas Center for CTE	

About the Presenter

Vicki Eastman, Web & Digital Instructor at Maize Career Academy combines 16 years of marketing experience with a passion for teaching web design and digital media. A Kansas Horizon Award nominee in 2023 and a graduate of the Fort Hays State University Transition to Teaching master's pathway, she has spent the past four years developing engaging high school courses in Web Design, Journalism, Digital Media, and Game Design.

Using tools like Adobe Creative Cloud, Figma, Wordpress, and Visual Studio Code, Vicki equips her students with real-world skills while fostering creativity and innovation. She also shares her expertise with fellow educators through workshops on topics like visual design, accessibility, and SEO, helping to elevate digital media education for students and teachers alike.