LESSON PLAN

Program type: STEM	Class (TBD)	**Mr. Ross**	12/3/2020

Subject / Course:	Web Design Decoded	
Topic: Web Design	Activity : Build a Home Page	
Lesson Title: Intro To the Web	Basic HTML Understanding	
Grade Range: 4th-12th Grade	**Lesson Duration:**	50 Min

Lesson

Students will start learning the basics of HTML/CSS by building their own responsive page and launching it in cPanel. This is a ONE page project . Students will create a Homepage concept in HTML to help them understand how websites are constructed and how they are available on the internet, via the Address bar. Students will publish this project, live.

Summary of Tasks / Actions:

- 20 minutes: Students will learn about the internet by way of open discussion and learn about key terms related to HTML. They'll also view examples of HTML CSS and JS and how it is used in real live websites.

- 10 minutes: Students will design a Logo and Graphic using Canva editor

- 20 minutes: Students will start working on their personal HTML pages using one of WIX drag and drop page builders. They will edit custom CSS and include information about themselves.

Materials / Equipment:

Godaddy
WIX
Google
cPanel
CodePen
Canva
https://codeanywhere.com

STEM Lesson Checklist

	Self-Assessment - Developing (1) - Satisfactory (2) - Outstanding (3)
1. Aligned to Grade-Level Standards The lesson is aligned to appropriate state and/or national math, science, technology, and engineering standards.	Outstanding (3)
2. Multidisciplinary A true STEM lesson must integrate science, technology, engineering, and mathematics.	Outstanding (3)
3. Addresses Authentic Challenges The lesson presents students with real-world challenges or problems with practical and meaningful implications.	Outstanding (3)
4. Integrates 21st Century Skills The lesson encourages students to develop creativity, critical thinking, problem solving, and teamwork.	Outstanding (3)
5. More Than One Solution The lesson includes problems or challenges that have more than one possible solution.	Outstanding (3)
6. Uses the Engineering Design Process Any design, construction, or prototyping follows the steps of the engineering design process.	Outstanding (3)
7. Hands-On The lesson encourages hands-on manipulation of technology or materials to solve a problem or engineer a design.	Outstanding (3)
8. Integrates Technology The lesson incorporates technology is a way that is seemly and appropriate, simplifying rather than complicating the lesson.	Outstanding (3)
Overall Score	3