Unit 08: Web Design 101 using Adobe DreamWeaver

Content Area: **Technology**
Course(s): **Computer Technologies**
Time Period: **May**
Length: **5 Blocks**
Status: **Published**

Enduring Understandings

Text plays an important role in the overall design of a webpage.

The spacing you use around text elements helps contribute to the reading of a web site.

Cascading style sheets give you a great amount of flexibility in designing Web pages and sites, enabling you to create styles that you can use again through the site or on a variety of projects.

Essential Questions

How do I go about creating a web page that search engines will easily find and display my sight?

How has digital advertising via web design affected how products are marketed and purchased?

Will web design eventually replace all other types of marketing? Why?

What careers are linked to web design and what kind of salary do they provide?

Would I rather just use DreamWeaver to create my web pages, or would I be better off to understand syntax of XHTML?

Content

Vocabulary: font, font combination, font style, points, sans-serif, serif, typeface, keyboard shortcuts, style, style sheet, cascading style sheets, CSS selector type, Property inspector.

Skills

Differentiate benefits of using the Spell Checker, History Panel, Code Inspector and the Reference Panel.

Create a new website that includes text, various fonts, cascade style sheets, head content, and lists.

Apply writing styles to a webpage that include descriptive writing, narrative writing, expository writing, and persuasive writing.

Resources

computers, internet access, Online software tutorials, DreamWeaver CC application, YouTube videos

Text: Intro to Computers and Information Technolgy

Standards

8.2.12.B.1 Research and analyze the impact of the design constraints (specifications and limits) for a product or technology driven by a cultural, social, economic or political need and publish for review.

8.2.12.B.3 Analyze ethical and unethical practices around intellectual property rights as influenced by human wants and/or needs.

8.2.12.B.4 Investigate a technology used in a given period of history, e.g., stone age, industrial revolution or information age, and identify their impact and how they may have changed to meet human needs and wants.

8.2.12.D.3 Determine and use the appropriate resources (e.g., CNC (Computer Numerical Control) equipment, 3D printers, CAD software) in the design, development and creation of a technological product or system.

8.2.12.E.3 Use a programming language to solve problems or accomplish a task (e.g., robotic functions, website designs, applications, and games).

TECH.8.2.12.B.1	Research and analyze the impact of the design constraints (specifications and limits) for a product or technology driven by a cultural, social, economic or political need and publish for review.

TECH.8.2.12.B.3	Analyze ethical and unethical practices around intellectual property rights as influenced by human wants and/or needs.
TECH.8.2.12.B.4	Investigate a technology used in a given period of history, e.g., stone age, industrial revolution or information age, and identify their impact and how they may have changed to meet human needs and wants.
TECH.8.2.12.D.3	Determine and use the appropriate resources (e.g., CNC (Computer Numerical Control) equipment, 3D printers, CAD software) in the design, development and creation of a technological product or system.
TECH.8.2.12.E.3	Use a programming language to solve problems or accomplish a task (e.g., robotic functions, website designs, applications, and games).