

Web Page Design



Academic Representative



Technology Education Concepts

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Description

The invention of the Internet fundamentally changed how the world gathers information and does business. With a few clicks of a mouse, any company in the world that has a web page is accessible, thereby eliminating distances that once hampered business transactions. The Internet has made the world a global economy for essentially all businesses.

In this curriculum, students will learn about the history of the Internet and the World Wide Web. They will be introduced to the common steps in the web page design process, and they will use those steps to complete an original web page using both HTML and CSS.

Skills

- Create an original, responsive web page.
- Add text and images to HTML documents
- Demonstrate the use of media queries.
- Calculate AdRank and actual cost-per-click.

Knowledge

- Discuss the evolution of the Internet and the World Wide Web.
- Identify common steps in the web page design process.
- Explain the HTML 5 basic file structure.
- Demonstrate the use of various CSS selectors and properties.
- Discuss the concept of mobile-first design.

Activities

- Activity 1 Introduction
- Activity 2 The Design Process
- Activity 3 HTML5
- Activity 4 CSS
- Activity 5 Web Content
- Activity 6 Responsive Web Design
- Activity 7 CSS3 Properties
- Activity 8 Search Engine Optimization
- Activity 9 Email Marketing
- Activity 10 Post-Test and Wrap-Up
- Activity 11 Bonus Activities
- Activity 12 Challenge
- Activity 13 Open-Ended Challenge
- Activity 14 Careers
- Activity 15 Internet

Standards

Reading Problem Solving Math/Measure

Module Includes:

Student Workbook, Instructor's Manual, Installation CD, Headphones (2)

Adobe Dreamweaver software is not included. Computer is required and sold separately.

Curriculum Specifications

The student workbook contains concise hands-on procedures, illustrations, screen captures, and photographs, which reinforce the multimedia content. Special attention is placed on interesting and relevant graphics to encourage visual learning. DEPCO Studio is an effective curriculum delivery system that uses the power of the computer to deliver educational content. By using interesting digital videos, full-color animations, professional quality narrations, challenging interactions, relevant photographs, and computer aided instruction (CAI), DEPCO has modernized the way subject matter is taught. Curriculum consists of 15 units: 10 basic activity days with Pre-Test, Post-Test, and Activity Review Questions, and 5 enrichment activities that include vocabulary reinforcement, problem-solving, open-ended challenges, careers, and Internet activities. An instructor's section includes: lesson plan outlines, installation instructions, and answer keys.