

Montgomery Township Schools

INTRODUCTION TO WEB DESIGN

Grade 8

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Board Approval: 1/28/02

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I. OVERVIEW

Introduction to Web Design is a cycle course designed to teach the basics of web site development. The course begins with the HTML language and uses basic tags to create web pages. It then moves to Microsoft's Front Page HTML editor to create professional sites. Students will learn to format text and color, add graphics, tables, sounds and multimedia.

II. RATIONALE

The information superhighway is expanding at an astounding rate. Most Internet communication is through web pages. By learning to create with the most common tools, students will gain valuable skills for success in this field.

III. STUDENT OUTCOMES

A. KNOWLEDGE (Information and Concepts)

The student will:

1. learn how to create a basic web page with Microsoft Notepad and Microsoft Internet Explorer. (E,F,S,T,U)* [WR2,3,4]**
2. learn how to write HTML tags to format text, build tables and add color, graphics, hyperlinks, sound and video. (E,F,S,U) [WR2,3,4]
3. learn how to use Microsoft Front Page to create web sites within a drag and drop, point and click user interface. (A,E,S,T,U) [WR2,3,4]
4. preview and revise web pages before final posting to a server. (E,F,S,U) [WR2,3,4]
5. identify elements of good web page design. (E,F,S,T,U) [WR1,2,3,4]
6. use the Internet as a resource to create professional web pages. (E,F,H,N,S,T,U) [WR1,2,3,4]

B. ATTITUDES

7. develop an awareness of the use of web sites and the Internet as forms of expression, communication, entertainment and education. (A,E,F,H,K,N,S,T,U) [WR1,2,3]
8. develop comfort and familiarity with using common HTML editors to create web pages. (E,F,S,T,U) [WR2,3]

C. SKILLS AND BEHAVIORS

9. demonstrate proficiency in creating and designing basic web pages using HTML and a popular editor with a graphical user interface. (E,F,S,T,U) [WR2,3,4]
10. use color, graphics and multimedia to enhance web pages. (E,F,S,T,U) [WR2,3]
11. exhibit self-management skills and the ability to work independently. (A,H,N,S,T,U) [WR2,3,4]

*These letters represent cross-referencing to the district goals.

**These numbers represent cross-referencing to the NJ Core Curriculum Content Standards.

IV. STRATEGIES

This course will emphasize the proper development of web pages. Lecture, demonstration and case studies are among the strategies used to convey content. Important text material, key terms and supplementary resources will be discussed in class. This course has a hands-on approach to learning. Students will use the computer daily to learn and practice skills.

V. EVALUATION

This is a 9-week course that meets every other day. Grades will be determined using the following:

1. chapter/concept projects
2. written class assignments
3. quizzes
4. final project

VI. REQUIRED RESOURCES

1. The text for this course is:
Microsoft Front Page 2000-Complete Concepts and Techniques, Course Technology, Shelly & Cashman, Cambridge, Massachusetts 2000.

VII. SCOPE AND SEQUENCE

Approx. Time: 9 weeks

Unit 1	Writing HTML Using Notepad and Internet Explorer	2 weeks
Unit 2	Creating Web Pages with Microsoft Front Page	5 weeks
	Final Project	2 weeks