

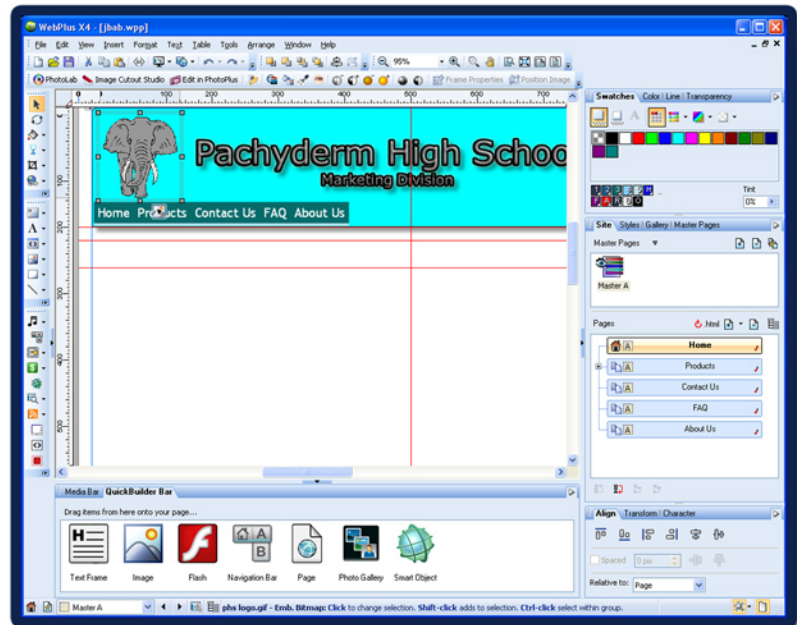
NEW!

Web Design CPU

One of the great things about the Internet is that anyone can create a website. And one of the bad things about the Internet is that anyone can create a website! The **Web Design CPU** is designed to build a basic, but well-designed website from scratch. Along the way, students will discover the importance of a fast-loading web page, recognize the difference between JPG and GIF graphics and know when to use each, and create web pages using text styles, links, tables, and contact forms.

Key Features:

- Powerful WYSIWYG software included so students can quickly see the results of their work
- Course focuses as much on the "why" of good site design as it does on the "how"



Topics Covered:

- History of the Internet
- HTML and its tags
- Types of image formats suitable for websites
- Navigation considerations and usability
- Typography
- How search engines work

Academic Concepts and Skills:

- Reading
- Writing
- Communication
- Marketing
- Problem solving
- Teamwork
- Resource allocation
- Technological literacy



Web Design CPU
Product Number: IT1049



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The **Web Design CPU** involves the study of the Internet's history, HTML, WYSIWYG web design editors, and web design tips. Students will recreate an existing website, then be given the opportunity to create their own. By completing this CPU, students will recognize the need for good web design. Students will discover the importance of a fast-loading web page, recognize the difference between JPG and GIF graphics and know when to use each, and create web pages using text styles, links, tables, and contact forms.

- Test your pre-existing knowledge of the course material.
- Explore the history of the Internet.
- Examine the invention of the World Wide Web (WWW) and how it differs from the Internet.
- Define words associated with the Internet.
- Describe changes in your opinion of the Internet after reviewing its history.
- Define and explore HTML and its tags.
- Build a basic web page using HTML.
- Recognize the differences between building a site in pure HTML and using a WYSIWYG editor.
- Build a similar page using *WebPlus*.
- Compare web page development in HTML to development in *WebPlus*.
- Compare printed and online documents, including screen resolution and fonts.
- Define your site's margins and set rulers to help with layout.
- Create the blue box that will contain the mascot graphic and navigation bar.
- Explore the career of a webmaster.
- Explain the advantages of a website over a brochure as a method of advertisement.
- Discover the two main types of graphic formats used online today.
- Identify the differences between JPG and GIF files and when to use each.
- Add a graphic and the site's title to the site's Master page.
- Discuss design elements of your favorite website.
- Define typography and understand its importance when creating web pages.
- Define terms related to typography.
- Add text and a graphic to the Home page.
- Add "children" pages to the Products page.
- Explain your reaction to inconsistency in website designs.
- Recognize the importance of a good domain name.
- Identify what web hosting entails.
- Define what a web server is and identify its components.
- Consider the ethics behind domain name reselling.
- Recognize the two big rules of linking.
- Create a frequently asked questions (FAQ) page that contains intrapage links and anchors.
- Change the site's color scheme so hyperlinks are blue, active hyperlinks are red, and visited hyperlinks are purple.
- Imagine what a FAQ page should look like for one of your stores.
- Create a Contact Us page with form fields including text boxes, a drop-down list, and checkboxes.
- Force certain text boxes to be required.
- Discuss aspects of online forms that improve or hinder their usability.
- Discover what a thumbnail is and why it's an important design tool.
- Recreate the Products page.
- Include links to the T-shirts, Hats, and Designs pages.
- Include thumbnails of graphics in the Products: T-shirts and Products: Hats pages.
- Create a photo gallery on the Products: Designs page.
- Complete the About Us page.
- Create various hyperlinks throughout the site.
- Discuss qualities a good Product page should have.
- Discover how search engines work.
- Explain some ways to make your website search engine friendly, based on your experience with search engines.
- Describe the advantages and disadvantages of a career as a webmaster.
- Describe which part of web design you like the best and why.
- Describe which challenge has interested you most and why.
- Select appropriate vocabulary terms based on the definitions provided.
- Test your comprehension of concepts gained during this course.
- State and explain your opinion of the Web Design CPU.