

Teacher: Susan Boone
October 20-24

Class: Web Mastering

Detailed lessons are linked online:

<http://hs.houstonisd.org/westsidchs/Curriculum/WebMastering/index.html>

Tutorials: Wednesday during A and B lunch. After school by appointment

Monday	<p>Objective: Students will:</p> <ul style="list-style-type: none"> ▪ Discuss the history and impact of the Web. ▪ Understand and discuss the evolution of Web design. ▪ Discuss the history and impact of Web technologies. ▪ Use Web technologies to increase productivity and enjoyment.
	<p>Activities:</p> <ul style="list-style-type: none"> ▪ Development of the World Wide Web, you can use the WWW timeline at http://w3C.org/History.html ▪ Pair students to complete the scavenger hunt using http://www.usability.gov/. ▪ look at early examples of first generation Web sites: http://www.dejavu.org/1994win.htm and http://www.slac.stanford.edu/history/earlyweb/firstpages.shtml. When viewing the two early sites, you may ask students the following questions: <ul style="list-style-type: none"> ○ What is your initial reaction? ○ Discuss the site’s structure, purpose, targeted audience ○ How do you contact the Web author? ○ As a designer, what changes would you make to enhance the sites to make them more functional? ▪ examine the evolution of some well-known corporate Web Sites at http://www.wakeuplater.com. Click The Evolution of Websites: How 10 Popular Websites Have (and Have Not) Changed. This analysis features companies that are likely to interest students: Microsoft, Amazon, Adobe, CNN, ESPN, MTV, Apple, Nike, Yahoo, and Starbucks.
	<p>Materials: Student Activity: S.2.1.WS_1_Usability and Accessibility Scavenger Hunt Student Activity: S.2.1.WS_2_Web History and Web Site Design Worksheet</p> <p>Follow Up/HW: Each student will complete the Student Activity S.2.1.WS_2_Web History and Web Site Design worksheet.</p>
Tuesday	<p>Objective: Students will:</p> <ul style="list-style-type: none"> ▪ Analyze the relationship between the Internet and the Web. ▪ Understand and discuss the evolution of the Internet. ▪ Share how they access and use the Internet.

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	<p>Activities:</p> <ul style="list-style-type: none"> ▪ Complete the S.2.2.WS_1_How Does the Internet Work activity sheet based on the online simulation of the Internet at http://hwi.uni.be/hwi_uk.html. This is a hands-on activity that reinforces instruction. It's ideal for kinesthetic and visual learners. Once students have finished, discuss the answers with them. S.2.2.WS_2_Internet History, Pioneers, and Standards is a final activity sheet which can be used as reinforcement or as an assessment. ▪ Access http://www.youtube.com/watch?v=Hf0rjtnwC9A to view an 82-minute video entitled "Tracking the Internet into the 21st Century with Vint Cerf." ▪ online simulation of the Internet at http://hwi.uni.be/hwi_uk.html.
	<p>Materials: S.2.2.WS_1_How Does the Internet Work S.2.2.WS_2_Internet History, Pioneers, and Standards</p>
	<p>Follow Up/HW:</p>
<p>Wednesday/Thursday (block schedule)</p>	<p>Objective: Students will:</p> <ul style="list-style-type: none"> ▪ Discuss, understand, and apply copyright laws. ▪ Demonstrate efficient and effective strategies when searching the Web. ▪ Understand and discuss the value of open source alternatives. ▪ Select, download, and use open source alternatives. ▪ Create a podcast about topics related to Intellectual Property, Effective Web Use Skills, Evaluating Information and Sources, Copyright, Creative Commons, and Open Source. <p>Activities:</p> <ul style="list-style-type: none"> ▪ Using the Landmark Citation Machine, show students how they can cite any type of work (print, electronic, or interview in different formats) and give credit to the author. Use http://citationmachine.net to access the Landmark Citation Machine ▪ Students should develop Web use skills to manage that information <ul style="list-style-type: none"> ○ Become familiar with their favorite search tools by using the Help feature ○ Know how to use Boolean operators to expand or broaden a search ○ Know how to use wildcards to expand or broaden a search
	<p>Materials: S.2.3.WS_1_Web Use Skills</p>
	<p>Follow Up/HW: Students will complete the online assessment once they've completed the short tutorial. Another site for students is http://www.ipreducation.com/.</p>

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<http://hs.houstonisd.org/westsidehs/Curriculum/WebMastering/index.html>

Tutorials: Wednesday during A and B lunch. After school by appointment

Friday	Objective: Students will: <ul style="list-style-type: none">▪ Discuss and understand e-commerce.▪ Discuss and understand how to use some of the new Web services.▪ Demonstrate how to use some of the new Web services that appeal to them.▪ Create a blog.
	Activities: <ul style="list-style-type: none">▪ (Search for Semantic Web, then choose Video: SOA Meets the Semantic Web). http://etech.eweek.com/cgi-bin/mte/mt-search.cgi?IncludeBlogs=52&search=Semantic+Web▪ After discussing the various Web services, have students register at http://get.live.com for Microsoft's free Web services
	Materials: T.2.PP_4: PowerPoint Presentation Student Activity: S.2.4.WS_1_Using Windows Live Services to Create a Blog
	Follow Up/HW: Students should reflect on what they've learned and how they can apply it outside of the classroom and include it on their blog.