

Time Frame: 5 weeks	Unit Title: HTML – Structuring Websites		Course Name: Web Development
Stage 1 - Desired Results			
<p>Established Goals</p> <p>NH CS Standards</p> <p><i>IC - Impacts of Computing</i></p> <p>1B-IC-21 Use public domain or creative commons media, and refrain from copying or using material created by others without permission.</p> <p><i>AP – Algorithms and Programming</i></p> <p>1B-AP-17 Describe choices made during program development using code comments, presentations, and demonstrations.</p> <p>2-AP-13 Decompose problems and subproblems into parts to facilitate the design, implementation, and review of programs</p>	Transfer		
	<p><i>Students will be able to independently use their learning to...</i></p> <p>apply Hypertext Markup Language (HTML) to content with appropriate structure to effectively communicate information on web pages.</p>		
	Meaning		
	<p>UNDERSTANDINGS</p> <p><i>Students will understand that....</i></p> <p>Hypertext Markup Language (HTML) is the language that provides the structure for content on a web page.</p> <p>HTML syntax is critical for web pages to render correctly in different web browsers.</p> <p>Understanding Creative Commons and other licenses is important so that web developers respect the rights of content creators when using media on their web sites.</p>	<p>ESSENTIAL QUESTIONS</p> <p><i>Students will keep considering</i></p> <p>How do HTML tags communicate structure on a web page?</p> <p>How does the hierarchy of HTML tags contribute to the structure of a web page?</p> <p>What is the purpose of an HTML attribute and how do they affect HTML tags?</p> <p>How can we respect the rights of creators when using images on web pages?</p>	
	Acquisition		

<p>2-AP-16 Incorporate existing code, media, and libraries into original programs, and give attribution.</p> <p>3A-AP-19 Systematically design and develop programs for broad audiences by incorporating feedback from users.</p> <p>Common Core State Standards for English Language Arts</p> <p>CCSS.ELA-LITERACY.RS T.9-10.3 Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.</p> <p>CCSS.ELA-LITERACY.RS T.9-10.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant</p>	<p><i>Students will know...</i></p> <ul style="list-style-type: none"> ● Web page ● Browser ● Hypertext Markup Language (HTML) ● HTML Boilerplate ● Heading and Paragraph Tags ● Formatting tags ● Image tag ● Links ● Lists – Ordered and Unordered ● Tables ● Creative Commons licensing ● Public Domain ● Parent, Child, and Sibling Elements ● Code indentation to indicate HTML hierarchy 	<p>Students will be skilled at...</p> <ul style="list-style-type: none"> ● Describing the process of visiting a webpage, from typing the URL to viewing the page ● Identifying the purpose and applications of HTML ● Discerning the various parts of an HTML page ● Creating fully formed HTML pages ● Applying formatting tags in order to modify the appearance of text and make web pages look clear and aesthetically pleasing ● Adding and utilizing hyperlinks on webpages ● Embedding an image in HTML ● Using attributes in an image tag to indicate the image file source, alt text, and size ● Explaining what copyright laws are and why they are important ● Finding images they are legally allowed to use in their projects ● Accurately attributing images they find and want to use ● Incorporating ordered and unordered lists into webpages ● Coding HTML tables to display tabular data
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to grades 9-10 texts and topics.

WHST.9-10.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.