



Watertown High School

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Lesson: Page Layout Shapes /HTML Div Containers

Theme / Concept: Design a page layout for your web template using “div” tags on your HTML template.

Grade Level: 9-12

Vocabulary:

CSS – (Cascading Style Sheets)

Cascading Style Sheets are declarations that describe how a document should be presented on the Web. CSS can be written for different media, can be part of an HTML document, or can be a separate file that is applied to multiple HTML documents.

Div Tag –

The HTML div tags are used to define the HTML div element. The HTML div element begins with the HTML <div> tag and ends with the HTML </div> tag. The HTML div element is useful for adding style to elements that cannot have specific characteristics set otherwise without using deprecated attributes.

Resources:

CSS Basics

<http://www.cssbasics.com/>

Div Tag Elements

<http://www.comptechdoc.org/independent/web/html/terms/html-div-tag.html>

The Global Structure of a HTML Document

<http://www.w3.org/TR/REC-html40/struct/global.html>

HTML Demo

http://www.watertown.k12.ma.us/dept/fapa/whs_06_07/web_class_css/index.html

CSS Demo

http://www.watertown.k12.ma.us/dept/fapa/whs_06_07/web_class_css/INDEX.CSS

Objectives:

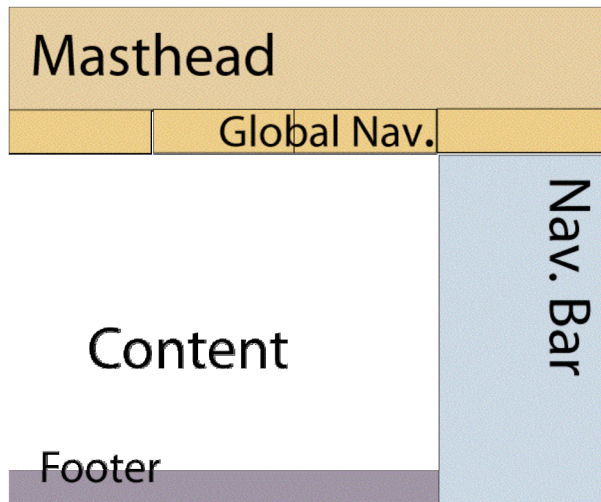
Design a page layout using div tags on your HTML template. How many columns will your web site have? How much space will be partitioned for your masthead? How much space for your footer? How much space will be allocated for margins and borders?

Standards:

- (1) Observation, Abstraction, Invention & Expression
- (2) Method, Materials & Techniques

Learning Activities:

Using Adobe Photoshop &/or Illustrator, design a layout for your template. Be sure to label the function of each container within your design. Your design should reflect the actual size of web template. *” See *diagram example below*”. Each container should have a purpose and measured in points!



Once you are happy with your design, use your Dreamweaver application to make a new web site. Create an external CSS document and link it up to your HTML template via the head section of the document. Using “div’ containers create rows and columns to reflect your template design. Your measurements will be in points.

Assessment:

Evidence of final design worked up in Adobe Photoshop/Illustrator. Each partition within the design should be labeled and measured to scale (*see *diagram example above*).

Evidence of design recreated with CSS “div’ containers.