Review Guide: Basic Webpage Layout

Let's review some of the key ideas introduced in this unit. You can also download all this content by clicking on the attached file for future reference.

Key Definitions

Span: a generic wrapper for any *inline* content. Spans are generally used to group small sections of content for styling purposes.

Div: a generic wrapper for any *block* content. Divs are used to group other elements together or to provide style to a specific area.

Header: These elements kick off your page with introductory content like logos, headlines, titles, and links.

Footer: This element wraps the content at the bottom of your web page. This element often contains copyright information, links to career pages, contact information, terms of use, etc.

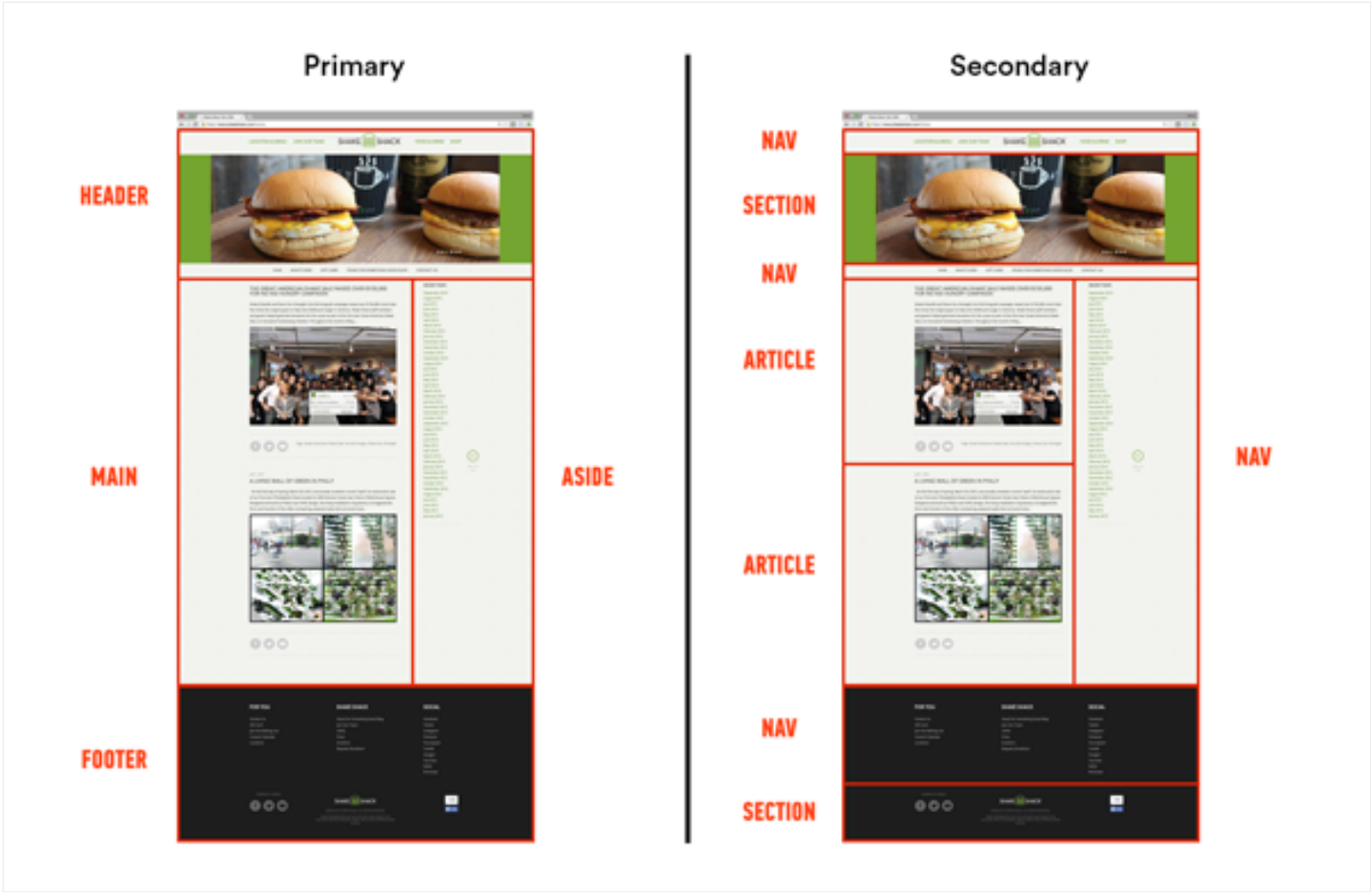
Main: These elements contain all the primary content — articles, blog posts, images, videos, etc. — between the `<header>` and the `<footer>`.

Aside: These elements contain all the secondary content between the `<header>` and `<footer>`, supplemental information like recommended stories or archived blog links.

Nav: Any navigational links that help users get around your page should be wrapped in `<nav>` tags.

Section: These elements are used to group the content of a page into related chunks.

Article: These elements are used to contain standalone blocks of text, such as news articles, blog posts, etc.



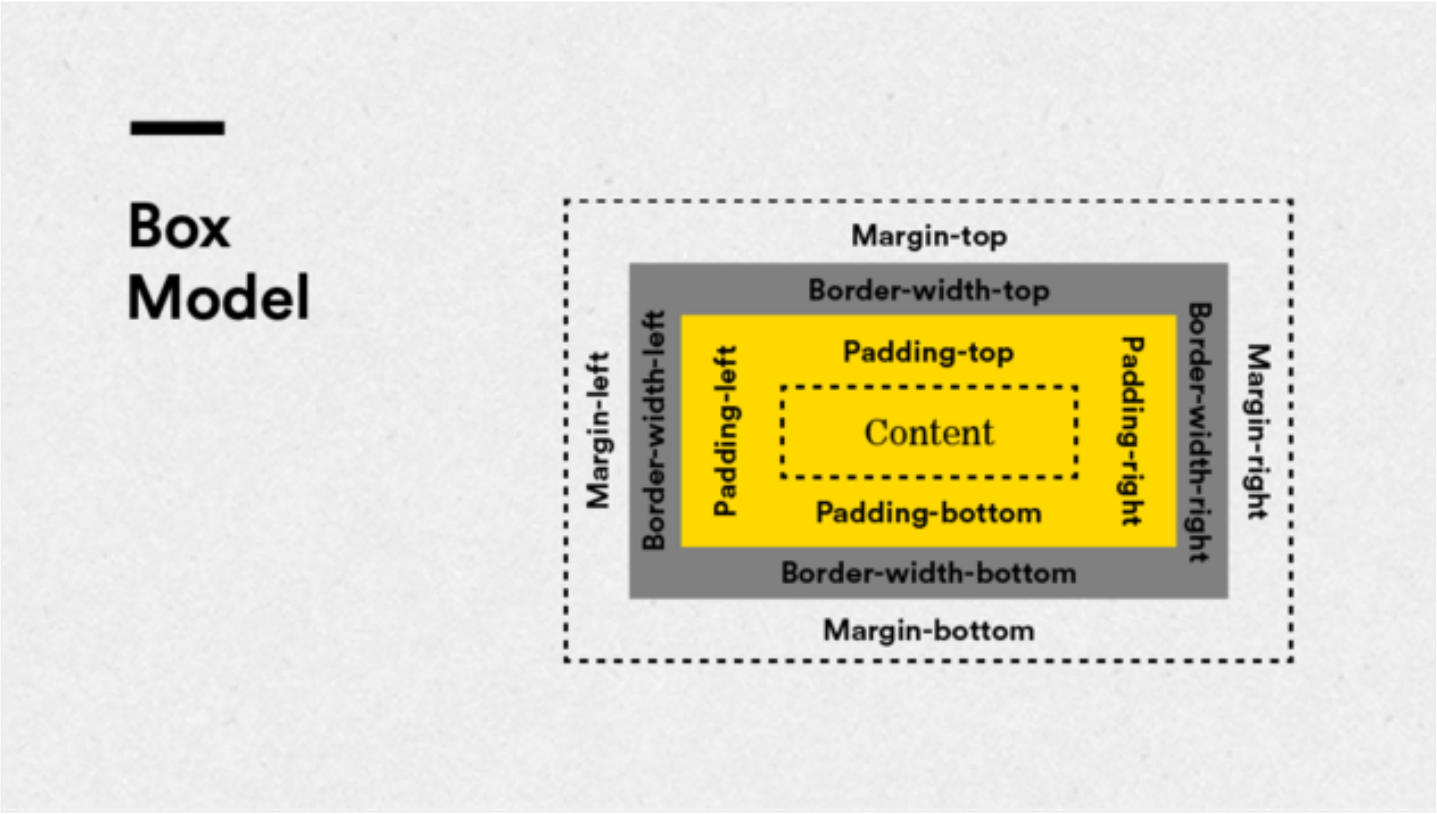
Box Model: Every html element on the page is a box, and the box model dictates what the element will look like. The model consists of the content, padding, border, and margin.

Content: The text and images that are included within any element's opening and closing tags.

Padding: The area outside of the content, but within the border. For example, padding will extend the background-color and contribute to the overall width of the object.

Border: A line of variable thickness, color, and style that goes around the padding and content.

Margin: The area outside of the border that separates the object from other objects around it. Margin has a transparent background-color.



Inline vs. Block

What are Inline Elements?
One of two categories of HTML elements, they take up the width of their contents and do not begin with new line. They cannot have height or width assigned.

What are Block Elements?
One of two categories of HTML elements, they break to a new line before and after the element and they take up the width of their containers by default (this is often the browser window itself). They can have padding, margin, height, and width assigned.

Span and Div Tags

To understand the difference between Span and Div, we need to think back to the last lesson on inline and block elements.

Span is inline and is used to apply CSS to inline HTML, while **Div** is a block element and is used to apply CSS to—you guessed it—blocks of HTML. Divs typically wrap big sections of content on a page.

NOTE: use semantic elements over divs whenever possible.

Advanced Sublime Text Shortcuts

Bookmark this guide or download it for review.

Questions to Ask Your Mentor

Can you show me some great examples of well-styled inline and block elements? How should I be using these in my pages?

What are some good examples of the box model in action?

How should I be thinking about prioritizing content based on its placement on the page?

When would it be appropriate to create a page based on a single-column layout? When will we learn about multi-column layouts?

Further Reading

Border
http://www.w3schools.com/css/cssborder.asp

Shorthand Properties
https://developer.mozilla.org/en-US/docs/web/CSS/shorthandproperties
http://www.dustindiaz.com/css-shorthand/
http://www.456bereastreet.com/archive/200502/efficient_css_with_shorthand_properties/

Block and Inline
http://webdesignfromscratch.com/html-css/css-block-and-inline/

Span and Div
http://www.htmldog.com/guides/html/intermediate/spandiv/
http://www.w3schools.com/html/htmlblocks.asp

Box Model
http://www.htmldog.com/guides/css/beginner/margins/
http://www.htmldog.com/guides/css/beginner/borders/
http://css-tricks.com/the-css-box-model/

Header, Footer, Nav
http://html5doctor.com/the-header-element/
http://www.html-5-tutorial.com/footer-element.htm
http://html5doctor.com/the-footer-element-update/
http://html5doctor.com/nav-element/
http://www.html-5-tutorial.com/nav-element.htm

DOWNLOADS

Summary

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