

"Building the Web" Workshop  
gathergather.co.nz/workshops

## Reading the structure of a web page

1. Outline the different sections, labelling headers, navigation, footers and articles.
2. Markup headings (h1-h6), paragraphs (p), lists (ordered: ol, unordered: ul), image content (img) and links (a).

## HTML 5 TAG REFERENCE



<!--...-->	Define a comment
<!DOCTYPE>	Defines the document type
<a>	Defines a hyperlink href, hreflang, media, ping , rel, target, type
<abbr>	Defines an abbreviation
* <acronym>	Used to define an embedded acronyms
<address>	Defines an address element
* <applet>	Used to define an embedded applet
<area>	Defines an area inside an image map alt, coords, href, hreflang, media, ping, rel, shape, target, type
★ <article>	Defines an article cite, pubdate
★ <aside>	Defines content aside from the page content
★ <audio>	Defines sound content autobuffer, autoplay, controls, src
<b>	Defines bold text
<base>	Defines a base URL for all the links in a page href, target
* <basefont>	Used to define a default font-color, font-size, or font-family for all the document
<bdo>	Defines the direction of text display dir
* <big>	Used to make text bigger
<blockquote>	Defines a long quotation cite
<body>	Defines the body element
 	Inserts a single line break
<button>	Defines a push button autofocus, disabled, form, formaction, formenctype, formmethod, formnovalidate, formtarget, name, type, value
★ <canvas>	Defines graphics height, width
<caption>	Defines a table caption
* <center>	Used to center align text and content
<cite>	Defines a citation
<code>	Defines computer code text autobuffer, autoplay, controls, src
<col>	Defines attributes for table columns
<colgroup>	Defines groups of table columns span
★ <command>	Defines a command button checked, disabled, icon, label, radiogroup, type

★ <datalist>	Defines a dropdown list
<dd>	Defines a definition description
<del>	Defines deleted text cite, datetime
★ <details>	Defines details of an element open
★ <dialog>	Defines a dialog (conversation)
<dfn>	Defines a definition term
* <dir>	Used to define a directory list
<div>	Defines a section in a document
<dl>	Defines a definition list
<dt>	Defines a definition term
<em>	Defines emphasized text
★ <embed>	Defines external interactive content or plugin height, src, type, width
<fieldset>	Defines a fieldset disabled, form, name
★ <figure>	Defines a group of media content, and their caption
* <font>	Used to define font face, font size, and font color of text
★ <footer>	Defines a footer for a section or page
<form>	Defines a form accept-charset, action, autocomplete, enctype, method, name, novalidate, target
<frame>	Used to define one particular window (frame) within a frameset
* <frameset>	Used to define a frameset, which organized multiple windows (frames)
<h1> to <h6>	Defines header 1 to header 6
<head>	Defines information about the document
★ <header>	Defines a header for a section or page
★ <hgroup>	Defines information about a section in a document
<hr>	Defines a horizontal rule
<html>	Defines an html document manifest, xmlns
<i>	Defines italic text
<iframe>	Defines an inline sub window height, name, sandbox, seamless, src, width
<img>	Defines an image alt, src, height, ismap, usemap, width
<input>	Defines an input field accept, alt, autocomplete, autofocus, checked, disabled, form, formaction, formenctype, formmethod, formnovalidate, formtarget, height, list, max, maxlength, min, multiple, name, pattern, placeholder, readonly, required, size, src, step, type, value, width

<ins>	Defines inserted text cite, datetime
★ <keygen>	Defines a generated key in a form autofocus, challenge, disabled, form, keytype, name
<kbd>	Defines keyboard text
<label>	Defines an inline sub window for, form
<legend>	Defines a title in a fieldset
<li>	Defines a list item value
<link>	Defines a resource reference href, hreflang, media, rel, sizes, type
<map>	Defines an image map name
★ <mark>	Defines marked text
<menu>	Defines a menu list label, type
<meta>	Defines meta information charset, content, http-equiv, name
★ <meter>	Defines measurement within a predefined range high, low, max, min, optimum, value
★ <nav>	Defines navigation links
* <noframes>	Used to display text for browsers that do not handle frames
<noscript>	Defines a noscript section
<object>	Defines an embedded object data, form, height, name, type, usemap, width
<ol>	Defines an ordered list reversed, start
<optgroup>	Defines an option group label, disabled
<option>	Defines an option in a drop-down list disabled, label, selected, value
★ <output>	Defines some types of output for, form, name
<p>	Defines a paragraph
<param>	Defines a parameter for an object name, value
<pre>	Defines preformatted text
<progress>	Defines progress of a task of any kind max, value
<q>	Defines a short quotation cite
★ <rp>	Used in ruby annotations to define what to show browsers that to not support the ruby element
★ <rt>	Defines explanation to ruby annotations
★ <ruby>	Defines ruby annotations
* <s>, <strike>	Used to define strikethrough text.

<samp>	Defines sample computer code
<script>	Defines a definition list async, type charset defer, src
★ <section>	Defines a section cite
<select>	Defines a selectable list autofocus, disabled, form, multiple, name, size
<small>	Defines small text
★ <source>	Defines media resources media, src, type
<span>	Defines a section in a document
<strong>	Defines strong text
<style>	Defines a style definition type, media, scoped
<sub>, <sup>	Defines sub/super-scripted text
<table>	Defines a table summary
<tbody>	Defines a table body summary
<td>	Defines a table cell colspan, headers, rowspan
<textarea>	Defines a text area autofocus, cols, disabled, form, maxlength, name, placeholder, readonly, readonly, required, rows, wrap
<tfoot>, <thead>	Defines a table footer / head
<th>	Defines a table header colspan, headers, rowspan, scope
<time>	Defines a date/tim datetime
<title>	Defines the document title
<tr>	Defines a table row datetime
* <tt>	Used to define teletype text
* <u>	Used to define underlined text
<ul>	Defines an unordered list
<var>	Defines a variable
★ <video>	Defines a video autobuffer, autoplay, controls, height, loop, src, width
★	HTML 5 new tag
*	Tag not supported in HTML 5
Designed by Antonio Lupetti ( <a href="http://woorkup.com">http://woorkup.com</a> ) <a href="http://facebook.com/antoniolupetti">http://facebook.com/antoniolupetti</a> <a href="http://www.twitter.com/woork">http://www.twitter.com/woork</a>	
THE WORKING BRAIN	



"Building the Web" Workshop  
[gathergather.co.nz/workshops](http://gathergather.co.nz/workshops)

## HTML Cheat sheet

<http://woorkup.com/2009/12/16/html5-visual-cheat-sheet-reloaded/>

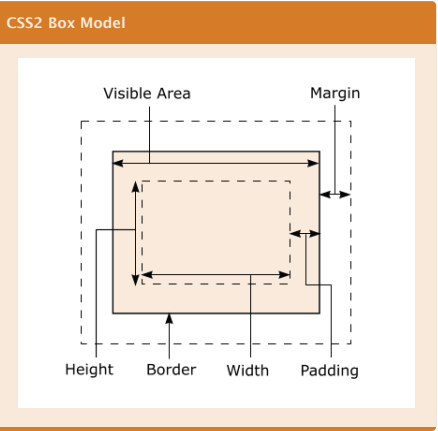


CSS2 Selectors	
*	All elements
div	<div>
div *	All elements within <div>
div span	<span> within <div>
div, span	<div> and <span>
div > span	<span> with parent <div>
div + span	<span> preceded by <div>
.class	Elements of class "class"
div.class	<div> of class "class"
#itemid	Element with id "itemid"
div#itemid	<div> with id "itemid"
a[attr]	<a> with attribute "attr"
a[attr='x']	<a> when "attr" is "x"
a[class~='x']	<a> when class is a list containing 'x'
a[lang]='en']	<a> when lang begins "en"

CSS2 Pseudo Selectors and Pseudo Classes	
:first-child	First child element
:first-line	First line of element
:first-letter	First letter of element
:hover	Element with mouse over
:active	Active element
:focus	Element with focus
:link	Unvisited links
:visited	Visited links
:lang(var)	Element with language "var"
:before	Before element
:after	After element

CSS2 Sizes	
0	0 requires no unit
Relative Sizes	
em	1em equal to font size of parent (same as 100%)
ex	Height of lower case "x"
%	Percentage
Absolute Sizes	
px	Pixels
cm	Centimeters
mm	Millimeters
in	Inches
pt	1pt = 1/72in
pc	1pc = 12pt

CSS2 Colours	
#789abc	RGB Hex Notation
#acf	Equates to "#aacff"
rgb(0,-255,50)	Value of each of red, green, and blue. 0 to 255, may be swapped for percentages.



CSS2 Positioning	
display	clear
position	z-index
top	direction
right	unicode-bidi
bottom	overflow
left	clip
float	visibility

CSS2 Dimensions	
width	min-height
min-width	max-height
max-width	vertical-align
height	

CSS2 Colour and Background	
color	background-repeat
background	background-image
background-color	background-position
background-attachment	

CSS2 Text	
text-indent	word-spacing
text-align	text-transform
text-decoration	white-space
text-shadow	line-height
letter-spacing	

CSS2 Fonts	
font	font-weight
font-family	font-stretch
font-style	font-size
font-variant	font-size-adjust

CSS2 Boxes	
margin	border-color
margin-top	border-top-color
margin-right	border-right-color
margin-bottom	border-bottom-color
margin-left	border-left-color
padding	border-style
padding-top	border-top-style
padding-right	border-right-style
padding-bottom	border-bottom-style
padding-left	border-left-style
border	border-width
border-top	border-top-width
border-bottom	border-right-width
border-right	border-bottom-width
border-left	border-left-width

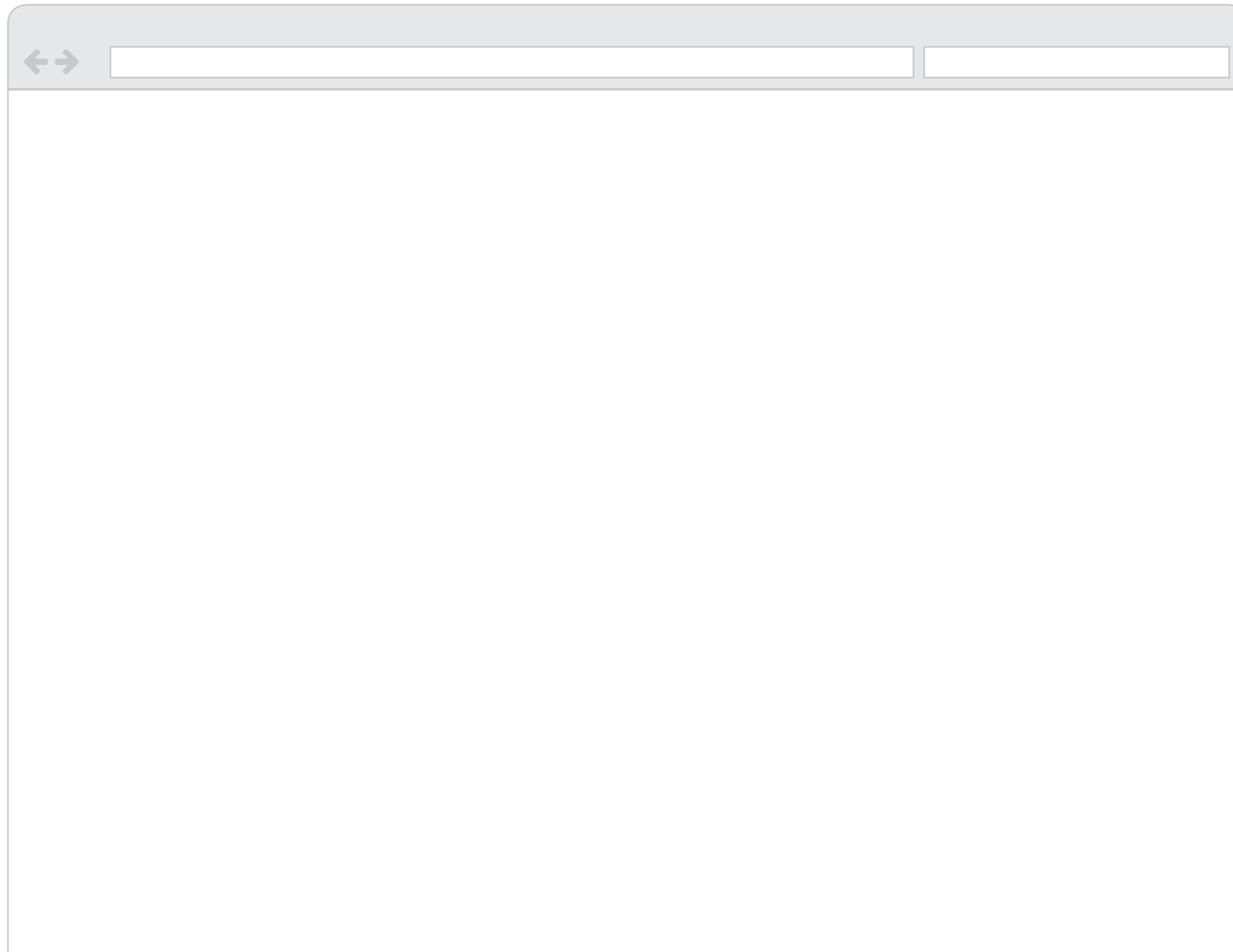
CSS2 Tables	
caption-side	border-spacing
table-layout	empty-cells
border-collapse	speak-header

CSS2 Paging	
size	page-break-inside
marks	page
page-break-before	orphans
page-break-after	widows

CSS2 Interface	
cursor	outline-style
outline	outline-color
outline-width	

CSS2 Aural	
volume	elevation
speak	speech-rate
pause	voice-family
pause-before	pitch
pause-after	pitch-range
cue	stress
cue-before	richness
cue-after	speak-punctuation
play-during	speak-numeral
azimuth	

CSS2 Miscellaneous	
content	list-style-type
quotes	list-style-image
counter-reset	list-style-position
counter-increment	marker-offset
list-style	



"Building the Web" Workshop  
[gathergather.co.nz/workshops](http://gathergather.co.nz/workshops)

## From paper to browser

1. Draw a wireframe
2. "Mark up" the HTML on the wireframe, then write the HTML.
3. Style it up with CSS