



HTML&CSS

design and build websites



CHAPTER 17

HTML5 LAYOUT

NEW HTML5 LAYOUT ELEMENTS

```
<body>
```

```
<div id="page">
```

```
<header>
```

```
<div id="nav">
```

```
<div id="content">
```

```
<div class="article">
```

```
<div class="article">
```

```
<div id="sidebar">
```

```
<div id="footer">
```

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```
<body>
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<div id="page">
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<header>
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```
<nav>
```

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<div id="content">
```

```
<div class="article">
```

```
<div class="article">
```

```
<div id="sidebar">
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<div id="footer">
```

NEW HTML5 LAYOUT ELEMENTS

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<body>
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<div id="page">
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<header>
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<nav>
```

```
<div id="content">
```

```
<article>
```

```
<article>
```

```
<div id="sidebar">
```

```
<div id="footer">
```

NEW HTML5 LAYOUT ELEMENTS

```
<body>
```

```
<div id="page">
```

```
<header>
```

```
<nav>
```

```
<div id="content">
```

```
<article>
```

```
<article>
```

```
<aside>
```

```
<div id="footer">
```

NEW HTML5 LAYOUT ELEMENTS

```
<body>
```

```
<div id="page">
```

```
<header>
```

```
<nav>
```

```
<div id="content">
```

```
<article>
```

```
<article>
```

```
<aside>
```

```
<footer>
```


HEADER

<header>

HTML

```
<header>
  <h1>Yoko's Kitchen</h1>
  <nav>
    <ul>
      <li><a href="">home</a></li>
      <li><a href="">classes</a></li>
      <li><a href="">catering</a></li>
      <li><a href="">about</a></li>
      <li><a href="">contact</a></li>
    </ul>
  </nav>
</header>
```

FOOTER

<footer>

```
<footer>
```

```
    &copy; 2011 Yoko's Kitchen</footer>
```

HTML

NAVIGATION

<nav>

HTML

```
<nav>
  <ul>
    <li><a href="">home</a></li>
    <li><a href="">classes</a></li>
    <li><a href="">catering</a></li>
    <li><a href="">about</a></li>
    <li><a href="">contact</a></li>
  </ul>
</nav>
```

ARTICLES

<article>

HTML

```
<article>
  <figure>
    
    <figcaption>Bok Choi</figcaption>
  </figure>
  <h2>Japanese Vegetarian</h2>
  <h3>Five week course in London</h3>
  <p>A five week introduction to
    traditional Japanese...</p>
</article>
```

ASIDE

<aside>

HTML

```
<aside>
  <section class="popular-recipes">
    <h2>Popular Recipes</h2>
    <a href="">Yakitori (...)</a>
    <a href="">Tsukune (...)</a>
    <a href="">Okonomiyaki (...)</a>
    <a href="">Mizutaki (...)</a>
  </section>
</aside>
```

SECTIONS

<section>

HTML

```
<section class="popular-recipes">
  <h2>Popular Recipes</h2>
  <a href="">Yakitori (...)</a>
  <a href="">Tsukune (...)</a>
  <a href="">Okonomiyaki (...)</a>
  <a href="">Mizutaki (...)</a>
</section>
```

HEADING GROUPS

<hgroup>

HTML

```
<hgroup>  
  <h2>Japanese Vegetarian</h2>  
  <h3>Five week course in London</h3>  
</hgroup>
```

FIGURES

<figure> <figcaption>

HTML

```
<figure>
  
  <figcaption>Bok Choi</figcaption>
</figure>
```


LINKING AROUND BLOCK-LEVEL ELEMENTS

HTML

```
<a href="introduction.html">
  <article>
    <figure>
      
      <figcaption>Bok Choi</figcaption>
    </figure>
    <hgroup>
      <h2>Japanese Vegetarian</h2>
      <h3>Five week course in London</h3>
    </hgroup>
  </article>
</a>
```

HELPING OLDER BROWSERS UNDERSTAND

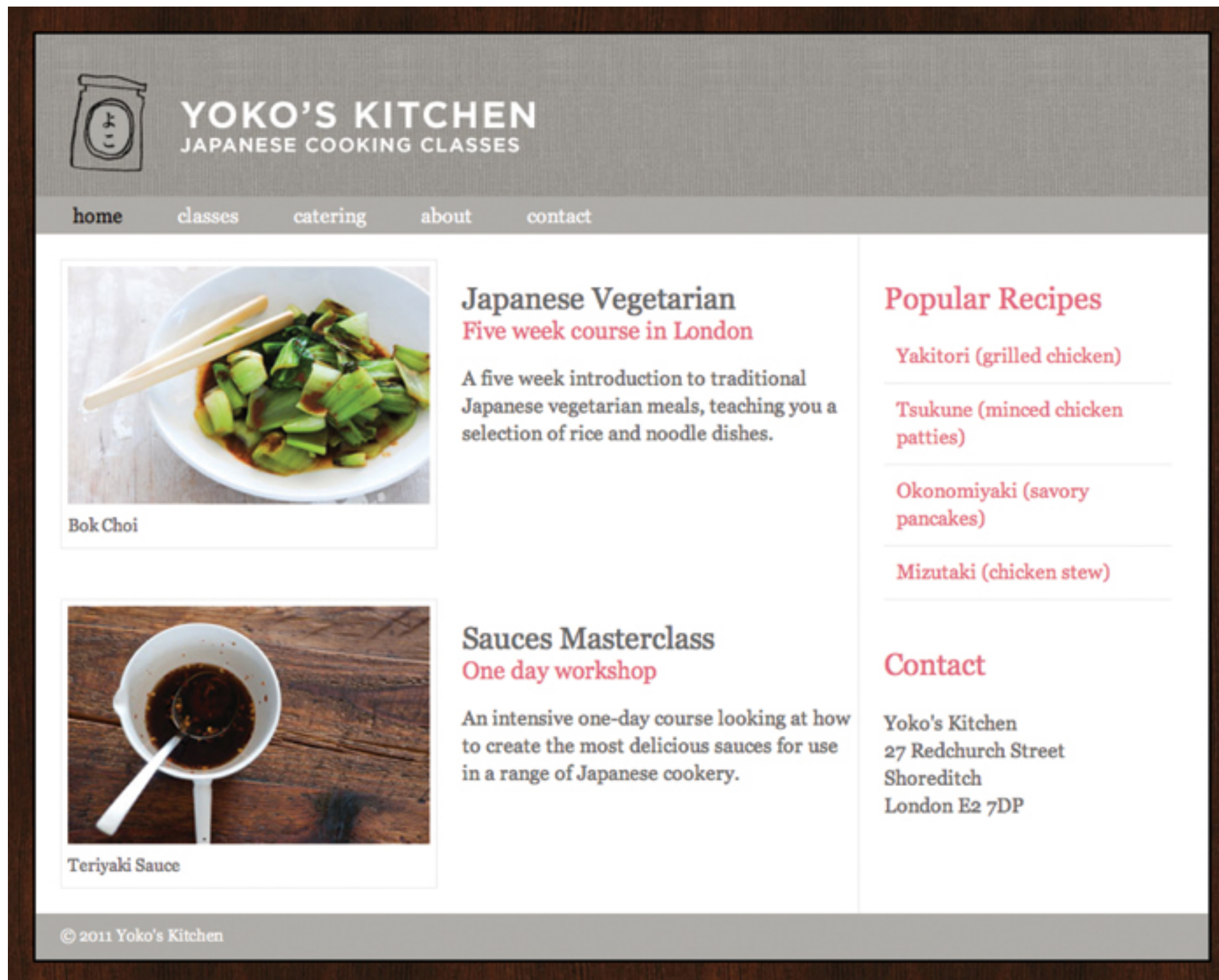
CSS

```
header, section, footer, aside, nav,  
article, figure, figcaption {  
    display: block;}
```

HELPING OLDER BROWSERS HTML SHIV

HTML

```
<!--[if lt IE 9]>
  <script
    src="http://html5shiv.googlecode.com/
      /svn/trunk/html5.js">
  </script>
<![endif]-->
```



SUMMARY

The new HTML5 elements indicate the purpose of different parts of a web page and help to describe its structure.

SUMMARY

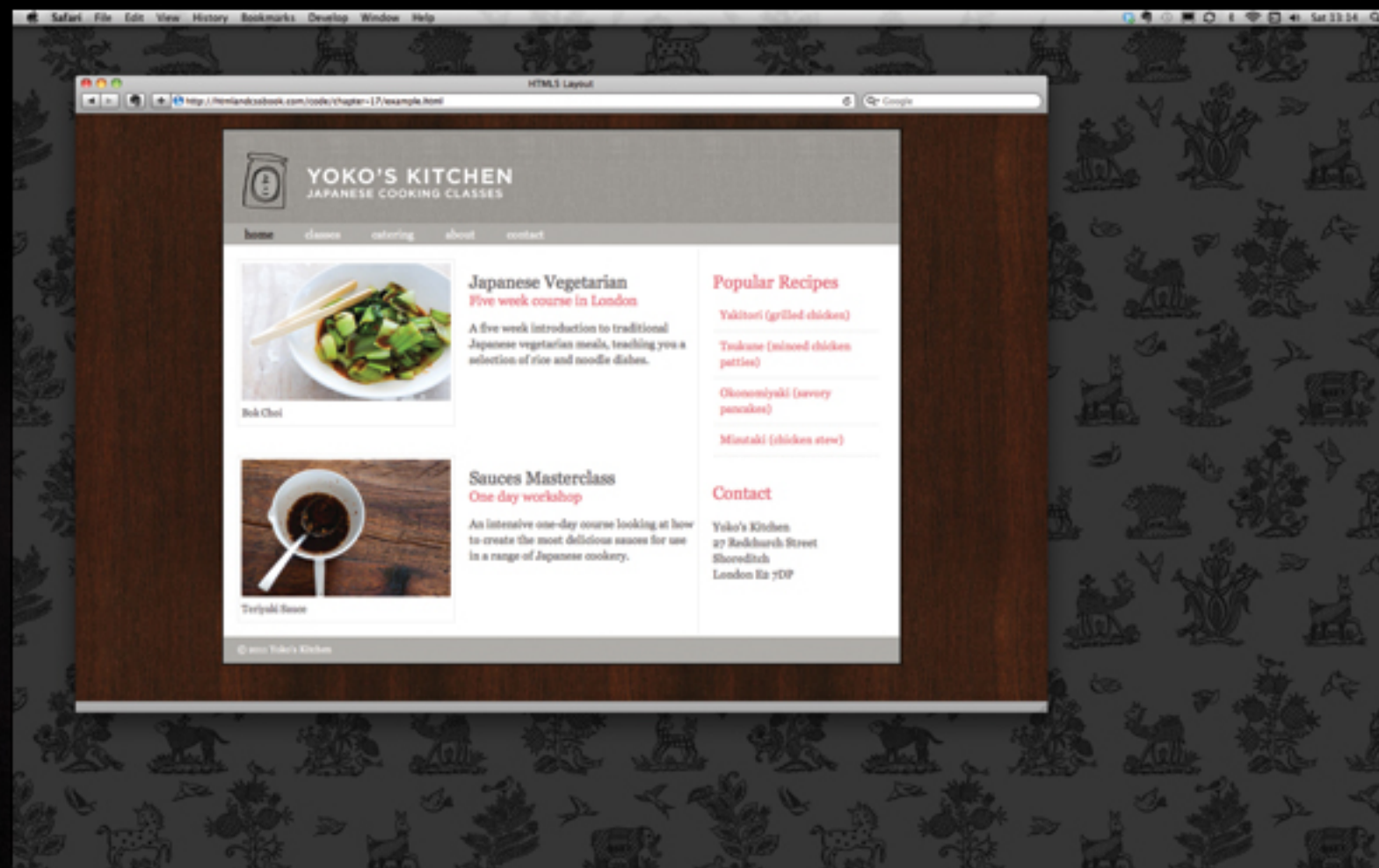
The new elements provide clearer code (compared with using multiple `<div>` elements).

SUMMARY

Older browsers that do not understand HTML5 elements need to be told which elements are block-level elements.

SUMMARY

To make HTML5 elements work in Internet Explorer 8 (and older versions of IE), extra JavaScript is needed, which is available free from Google.



MacBook Pro

