Logical Structure

In a web page, we may want to group together consecutive elements if they are logically related.

Why?

These chunks can be targets for CSS & JavaScript

The div Element

In earlier versions of HTML, we grouped the elements of a document using div.

HTML5 Elements for Structure

header – a group of introductory elements

nav – a group of page or site navigation links

main – main content of the page

aside – a group of content that is tangentially related to the page or surrounding context

footer – info about the page or section or article

div – is still available, but is used as a last resort

Sections and Articles

An HTML5 *section* is thematic grouping- usually part of a larger whole.

An HTML5 *article* is also a thematic grouping – but this time one that is self-contained.

You can nest sections and articles within other sections and articles.

Examples of Articles

*Rule-of-thumb:* if you can image copying the content and reusing it elsewhere- on another page- or distributing it for others to use on their sites, then use article.

**Press releases and new stories:**

* Blog posts
* Adverts
* Articles

Advice

Sections or articles should generally not contain just one paragraph.

* The validator will warn you that a heading is needed.
* In any case, sections and articles are supposed to group elements together.

Word or Phrases

In a page, we may want to mark-up words or phrases to draw attention to them.

Why?

* These elements can be targets for CSS & JavaScript.
* These elements may give info to screen-readers & search-engine crawlers.

The span Element

One way to highlight a word or phrase is to use the span element.

Elements for Words or Phrases

em, the emphasis element,

to highlight a word or phrase, especially for contrast

strong, the strong importance element

to draw special attention to a word or phrase because it is important serious or urgent.

i, the **interesting text** element

when you need to distinguish a word or phrase from the surrounding text for some reason, e.g. titles, names, technical terms and phrases in a foreign language.

b, the **bring to attention** element

to distinguish keywords or key phrases from surrounding text.