# Figure and Table Elements

## What is the figure element and why use it?

The figure element represents some flow content, optionally with a caption, that is self-contained (like a complete sentence) and is typically referenced as a single unit from the main flow of the document.

It is a semantic tag that tells the browser that these items have a relation to each other.

The figure is the parent element, and the img and figcaption elements are children nested inside.

A person holding a frisbee

AI-generated content may be incorrect.

[Note: the above is an example of a stand alone image. This can be marked up with an image tag. Source: https://www.nasa.gov/]

A close-up of a map

AI-generated content may be incorrect.

[Note: this example contains an image with a caption that belongs to it. It should be marked up using an img tag and a figcaption tag, both nested inside a figure element. Source: https://www.nasa.gov/]

[caption] The St. Clair River flows into the freshwater Lake St. Clair and separates the American state of Michigan (top) from the Canadian province of Ontario (bottom) in this photograph from the International Space Station as it orbited 260 miles above.

[caption] The mobile launcher is the ground structure used to assemble, process, and launch NASA's Space Launch System rocket and Orion spacecraft.

## HTML Tables

The table element represents data with more than one dimension, in the form of a table.

Planetary Fact Sheet

|  |  |  |  |
| --- | --- | --- | --- |
| Planet | Diameter (km) | Mass (1024 kg) | Distance from Sun (106 km) |
| Mercury | 4,879 | 0.330 | 57.9 |
| Venus | 12,104 | 4.87 | 108.2 |
| Earth | 12,756 | 5.97 | 149.6 |
| Mars | 6,792 | 0.642 | 227.9 |
| Jupiter | 142,984 | 1,898 | 778.6 |
| Saturn | 120,536 | 568 | 1,433.5 |
| Uranus | 51,118 | 86.8 | 2,872.5 |
| Neptune | 49,528 | 102 | 4,495.1 |

Data Source: NASA Planetary Fact Sheet

https://nssdc.gsfc.nasa.gov/planetary/factsheet/