Inline Links for Figures

(Based on College Physics I and II)

Incorrect Examples

No ID in Target Image

```
[caption align="aligncenter" width="300"]<img
src="https://openbooks.lib.msu.edu/app/uploads/sites/130/2017/10/Figure_01_02_01b-1.jpg" alt="A view
of Earth from the Moon." width="300" height="225" /></a>" Figure 3.1 The distance from Earth to the
Moon may seem immense, but it is just a tiny fraction of the distances from Earth to other celestial
bodies. (credit: NASA)[/caption]
```

- If there is a link `href="#Figure-3.1"`, it will lead to nowhere because there is no item with the `id="Figure-3.1"`

ID in Caption Tag

```
[caption id="Figure-3.1" align="aligncenter" width="300"]<img
src="https://openbooks.lib.msu.edu/app/uploads/sites/130/2017/10/Figure_01_02_01b-1.jpg" alt="A view
of Earth from the Moon." width="300" height="225" /></a>" Figure 3.1 The distance from Earth to the
Moon may seem immense, but it is just a tiny fraction of the distances from Earth to other celestial
bodies. (credit: NASA)[/caption]
```

- If there is a link `href="#Figure-3.1"`, it will lead to nowhere. This is because the [caption] tag is a default WordPress shortcode that does not support the `id` tag

Link to Image Address

```
<a href="https://openstax.org……">Figure 3.1</a>
```

- This links to the entire image view in a new tab, not the place on the page that it occurs. This is inaccessible

Link to Image File

```
<a href="https://openbo…..Figure_01_01_03_aa-1.jpg">Figure 3.1</a>
```

- This also links to the entire image view in a new tab, not the place on the page that it occurs. This is inaccessible

ID/Link to ID with Spaces/Unaccepted Characters

```
<a href="#Figure 3.1">Figure 3.1</a>
```
OR
```
[caption id="Figure 3.1" align="aligncenter" width="300"]<img
src="https://openbooks.lib.msu.edu/app/uploads/sites/130/2017/10/Figure_01_02_01b-1.jpg" alt="A view
of Earth from the Moon." width="300" height="225" /></a>" Figure 3.1 The distance from Earth to the
```

`Moon may seem immense, but it is just a tiny fraction of the distances from Earth to other celestial`

`bodies. (credit: NASA)[/caption]`

- CSS IDs only accept characters a-z, A-Z, 0-9, and underscores (_) or dashes (-).
- Spaces are used to separate multiple IDs (as elements with multiple IDs is common), so the space in `href="#Figure` `3.1` and `id="Figure 3.1"` results in "Figure" and "3.1" being two separate IDs. This stops the inline link from working

Additional Notes

- Remember, do not use a # in `id="XXX"`
- Do use a # in `href="#XXX"`
- The # is what identifies the ID as an ID in the link. It is not needed for the actual `id="XXX"` tag.
- IDs are also **case sensitive**!!

Correct Examples

Target Image

`[caption align="aligncenter" width="300"]<img `id="Figure-3.1"`

`src="https://openbooks.lib.msu.edu/app/uploads/sites/130/2017/10/Figure_01_02_01b-1.jpg" alt="A view`

`of Earth from the Moon." width="300" height="225" /></a>" Figure 3.11 The distance from Earth to the`

`Moon may seem immense, but it is just a tiny fraction of the distances from Earth to other celestial`

`bodies. (credit: NASA)[/caption]`

- Here, the `id="Figure-3.11"` is in the <img> tag, there is no # at the beginning, and there are no spaces. This is correct.

`<a `href="#Figure-3.1"`>Figure 3.1</a>`

- Here, the `id="Figure-3.1"` is in the <img> tag, there is no # at the beginning, and there are no spaces. This is correct.