

WAVE

WAVE web accessibility evaluation tool

Address: <https://robynlee168.github.io/pui-final-project>

Styles: OFF ON

Summary

Category	Count
Errors	0
Contrast Errors	0
Alerts	3
Features	25
Structural Elements	2
ARIA	0

[View details](#)

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and

The following apply to the entire page:

WELCOME TO WORLD OF CONSTELLATIONS

PICK A SEASON

[Code](#)

Web page address: WAVE web accessibility evaluation tool

Address: <https://robynlee168.github.io/pui-final-project>

Styles: OFF ON

Structure

Element	Count
h1	2

The following apply to the entire page:

WELCOME TO WORLD OF CONSTELLATIONS

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Details

Alerts

- 3 Alerts
 - 1 X Select missing label
 - 1 X No page regions
 - 1 X JavaScript jump menu

Features

- 25 Features
 - 10 X Alternative text
 - 14 X Linked image with alternative text

The following apply to the entire page:

WELCOME TO WORLD OF CONSTELLATIONS

PICK A SEASON

[Code](#)

The following apply to the entire page:

Story: Ursa Major was once the beautiful maiden Callisto, whom the god Zeus had an affair with. In order to protect her and their son, Arcas, from his jealous wife Hera, Zeus turned Callisto and Arcas into bears. He then picked up the bears by their short, stubby tails and threw them into the sky.

The constellation of Ursa Major is visible all year round for observers in the Northern Hemisphere. The constellation never sets below the horizon, although it does become very low in the sky during the winter months. Ursa Major can easily be spotted in the northern sky.

Code

The following apply to the entire page:

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Part 1:

The purpose of my website is to give people a brief overview of what constellations can be seen in the sky during each season. The target audience of this informational tool is anyone that is interested in stargazing and learning more about the mythological stories behind how people in the past came to see these constellations in the sky. When users click into each constellation card, they will learn a little more about the backstory of how the constellation came to be, and more information on when they will be visible in the sky. The descriptions of the constellations are meant to be short and easy to comprehend because I wanted the tool to be useful for children and adults of all ages. The website is interesting and engaging because all the constellation cards are designed almost to look like tarot cards and it could be fun for the user to make it a goal to flip each card and learn more. The tool is also interesting because the background of the website is an image of the night sky, which almost allows the user to immerse themselves and pretend they are in the dark, looking up at the sky.

Part 2:

- Pick a season dropdown menu
 - Click on the dropdown and choose any season (spring, summer, fall, winter)
- Viewing the constellation cards
 - Scroll down to see all eight cards for each season
 - The page itself should not refresh. Instead, it is just the cards updating based on the option of the dropdown that is chosen.
- Learning more about each constellation
 - Click into any of the constellation cards to learn more
- Going back to previous page
 - Click the back arrow

Part 3:

For this project, I used Bootstrap to help me make my website responsive. I chose it because I thought it would make it much easier for me to build a tool that can be used on all screen sizes. It was especially helpful for me because the majority of my website consisted of a grid system and Bootstrap made it very easy for this grid to fit on all screen sizes.

Part 4:

For the most part, I did not make any large changes to the original design. I wanted to take into consideration the feedback I received from the TA and build a full constellation map but due to my limited coding experience, I found that to be too difficult for the little amount of time I had to build the site. The biggest change I made is on the constellation information page where I chose to use different images and laid out the information differently within my div.

Part 5:

One of the biggest challenges I had was implementing Bootstrap, but this was simply because I didn't have any prior knowledge on how Bootstrap works so I had to put in the extra effort to learn more about how it's used. I found it to be difficult to not only make the whole website responsive, but to make the design look good regardless of what screen size it is on.