

Single Page Site

WEB 1.0

Agenda



- Learning Outcomes
- Background images
- Style a Card
- Activity: Flex challenges
- BREAK
- Lab Time

Learning Outcomes



By the end of today, you should be able to...

- 1. Use background images
- 2. Create Card Styles
- 3. Create a single-page site using starter code



Check-In

Check-In (5 minutes)



Break out into pairs.

Take turns asking: How are you feeling today? What's the biggest thing on your mind right now?

Remember to practice active listening.





Any block can have a background color and a background image.

- background-image
- background-size
- background-repeat
- background-position
- background-attachment



Use background-image to assign a picture as the background of a block. This appears on top of the background color that may be assigned.

The path is always relative to your style sheet!

background-image: url('images/cat.png')



Use the background-size property to set the size of the.

You can set the size in px, %, or use one of the built in keywords that fit the image to the space available.

• background-size: 100px | 50% | cover | contain



Use the background-repeat property to set how many times the image repeats.

 background-repeat: repeat | no-repeat | repeat-x | repeat-y



Any block can have a background color and a background image.

background-position: center | left top | left center
 | left bottom | right top | right center | right
 bottom | center top | center bottom



Try this playground to experiment with background images:

https://make-school-courses.github.io/WEB-1.0-Web-Foundations/#/background-image.html

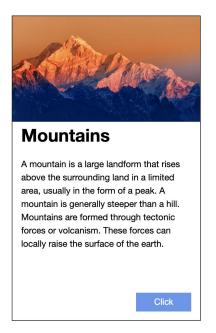


Style a Card

Cards



Cards are rectangular containers with an image, text, and (sometimes) a button.





High elevations

High elevations on mountains produce colder climates than at sea level. These colder climates strongly affect the ecosystems of mountains: different elevations have different plants and animals. Because of the less hospitable terrain and climate, mountains tend to be used less for agriculture and more for resource extraction and recreation, such as mountain climbing.

Click



Cards



We can style a card using flex to align its contents.



```
.card {
   display: flex;
   flex-direction: column;
   ...
}
```

The Chrome Inspector



Sometimes, it's helpful to use the Chrome HTML/CSS inspector to see how styles are used on a site.

In Chrome, right-click and click on "Inspect". Then click on the element you want to see. Its styles will appear on the right-hand side.

You can click the check-boxes to toggle on/off any style to see what effect it has!

You can also add your own styles to any element.



Try these Challenges

Flex



Try these challenges: https://github.com/soggybag/learn-css-flex-box

Look at the solution file in a browser to see the end results. Then work through the code samples to practice.



Break - 10 min

"Take a 10 minute break and wrap a tag around everything you see."



Single Page Site

Single Page Site



The single page site starter code has been updated! There are now 8 parts to walk you through the creation of a site so that you can try your own.

You only need to submit one file (your finished site, not the provided one).

https://github.com/Make-School-Labs/single-page-starter



Play a Game with Flex

Flex



Try one of these games to **practice your flexbox skills.**

Tower defense: http://www.flexboxdefense.com

Flexbox Froggy: https://flexboxfroggy.com



Lab Time

Homework



This week's assignments:

• <u>Single Page Site</u> - Due on Tuesday

Lab Rules



Modify your Zoom name (hover over your photo and click the 3 dots) to put a "1" before your name if you'd like to work alone, "2" if you'd like to work with a partner.

Stay in the main Zoom room if you'd like to stay for more Q&A, homework help, etc.

Go to your individual breakout room if you'd prefer to work with a partner or have quiet time!