



RWD

Class 10

Overview

ipsoCreative (1 hour)

Fonts & Media Query Assignment
(30min)

Break (10 min)

**Becoming Responsive & Atomic
Design (30 min)**

**HTML Wireframes Assignment &
Hands On (15 min)**

**Flexbox and Boxes Assignment
Hands-On
(15 min)**



ipsoCreative



Survey Feedback

Class Is Long

Time of Class Sometimes Inconvenient

Need Longer Breaks

Need Hands-On Activities + Participation (Flash Cards)

Less Lecture + Faster Pace

Better Understand What Will Be On Quizzes

Hard to Meet with Group Members

More Challenges for Graduate Students



Fonts & Media Query Assignment

www.rwdkent.com/class/assignments/layout



No Media Query



0

Infinity



@media screen and
(max-width: 600px) { }



```
@media screen and (min-width: 1200px) { }
```



Media Query

```
@media screen and (min-width: 600px) {  
    /* CSS Styles Inside Here Only Apply at  
    600px and higher*/  
}
```

```
@media screen and (max-width: 1200px) {  
    /* CSS Styles Inside Here Only Apply at  
    600px and higher*/  
}
```



Media Query

```
@media screen and (min-width: 600px) {  
    p {  
        color: purple;  
    }  
}
```

```
@media screen and (max-width: 1200px) {  
    p {  
        color: purple;  
    }  
}
```



Reminder: Style Tiles/ Mockups Due Last Week

www.rwdkent.com/class/assignments/style



Becoming Responsive

Responsive Process



Can we determine a user's
website goals once we know
a user is on mobile vs.
desktop?



How can design and
development become more
collaborative in a responsive
design project?



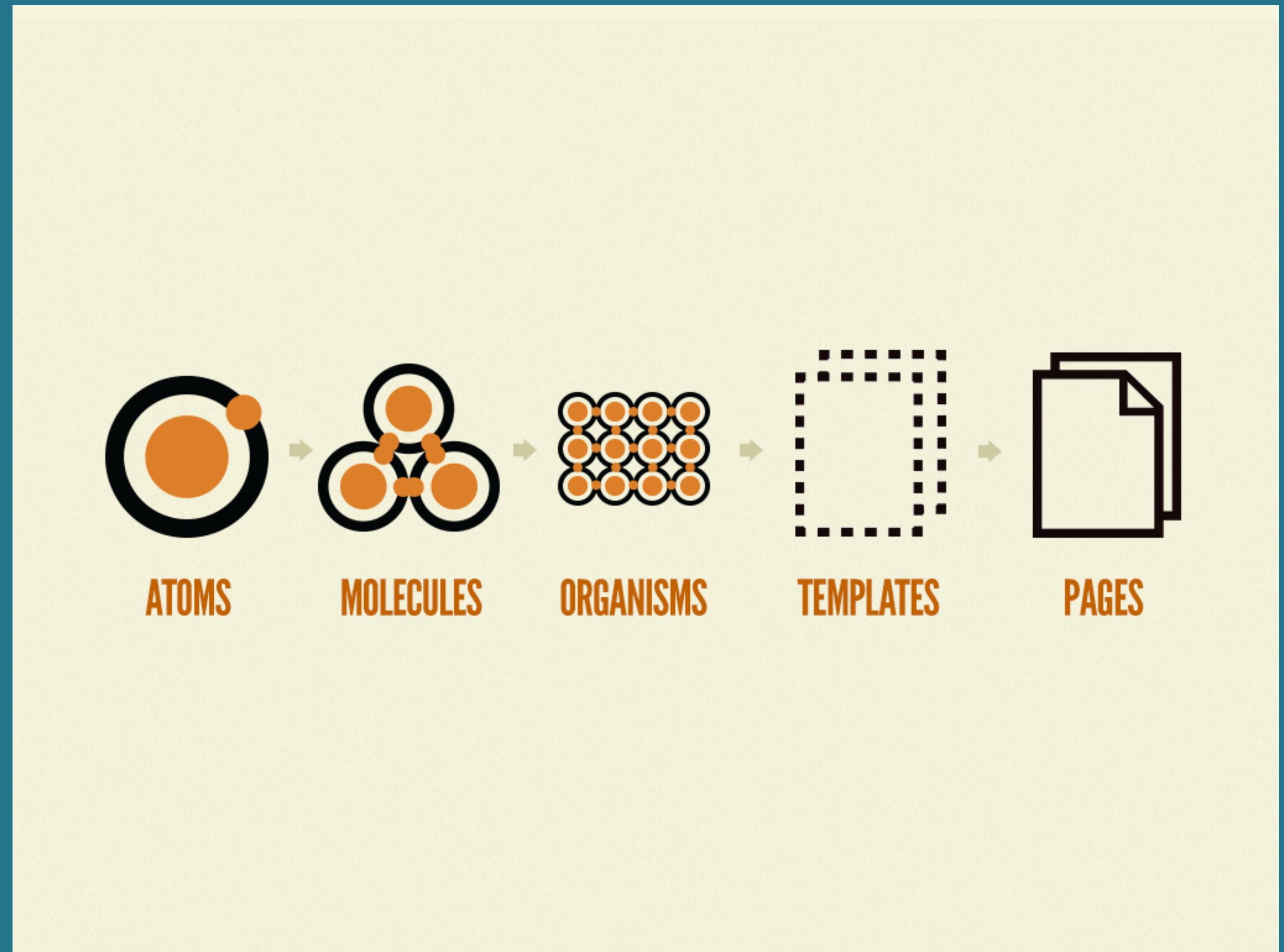
Atomic Design + Responsive Patterns



“We’re not designing pages, we’re designing
systems of components.”

Stephen Hay





What Does This Mean?



<http://bradfrost.com/blog/post/atomic-web-design/>

Atoms



SEARCH THE SITE

LABEL

ENTER KEYWORD

INPUT

SEARCH

BUTTON

Molecules

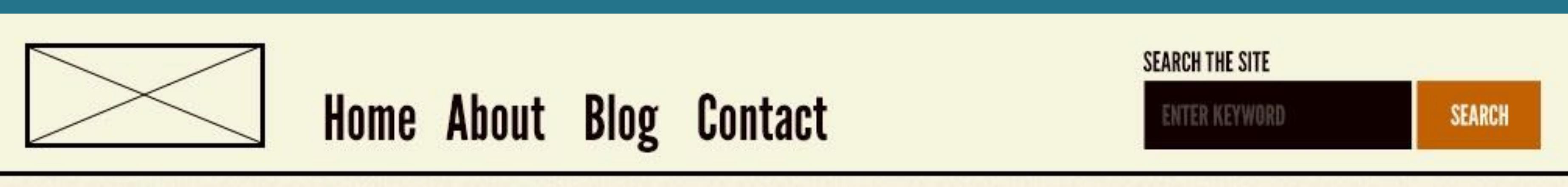


SEARCH THE SITE

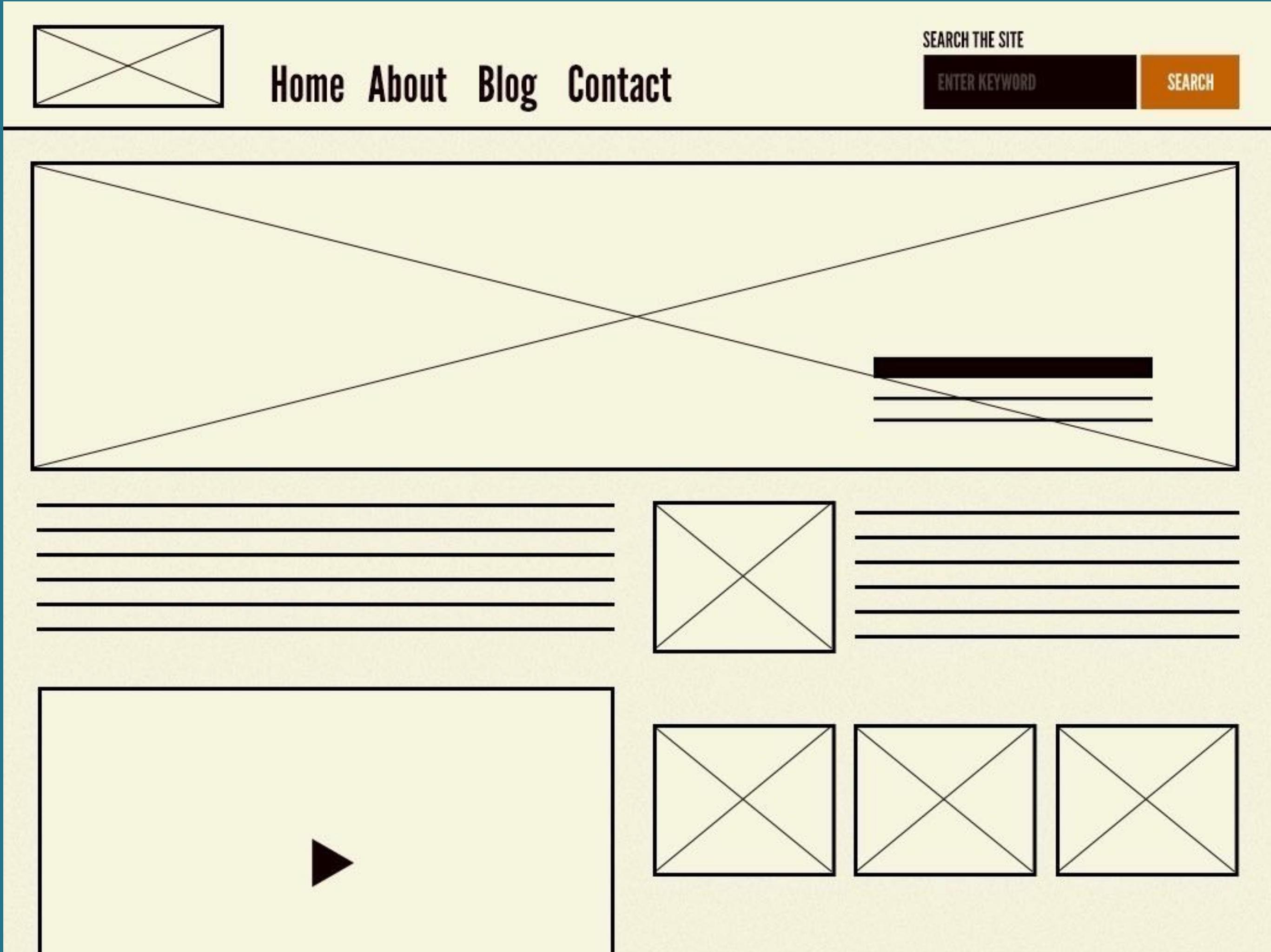
ENTER KEYWORD

SEARCH

Organisms



Templates



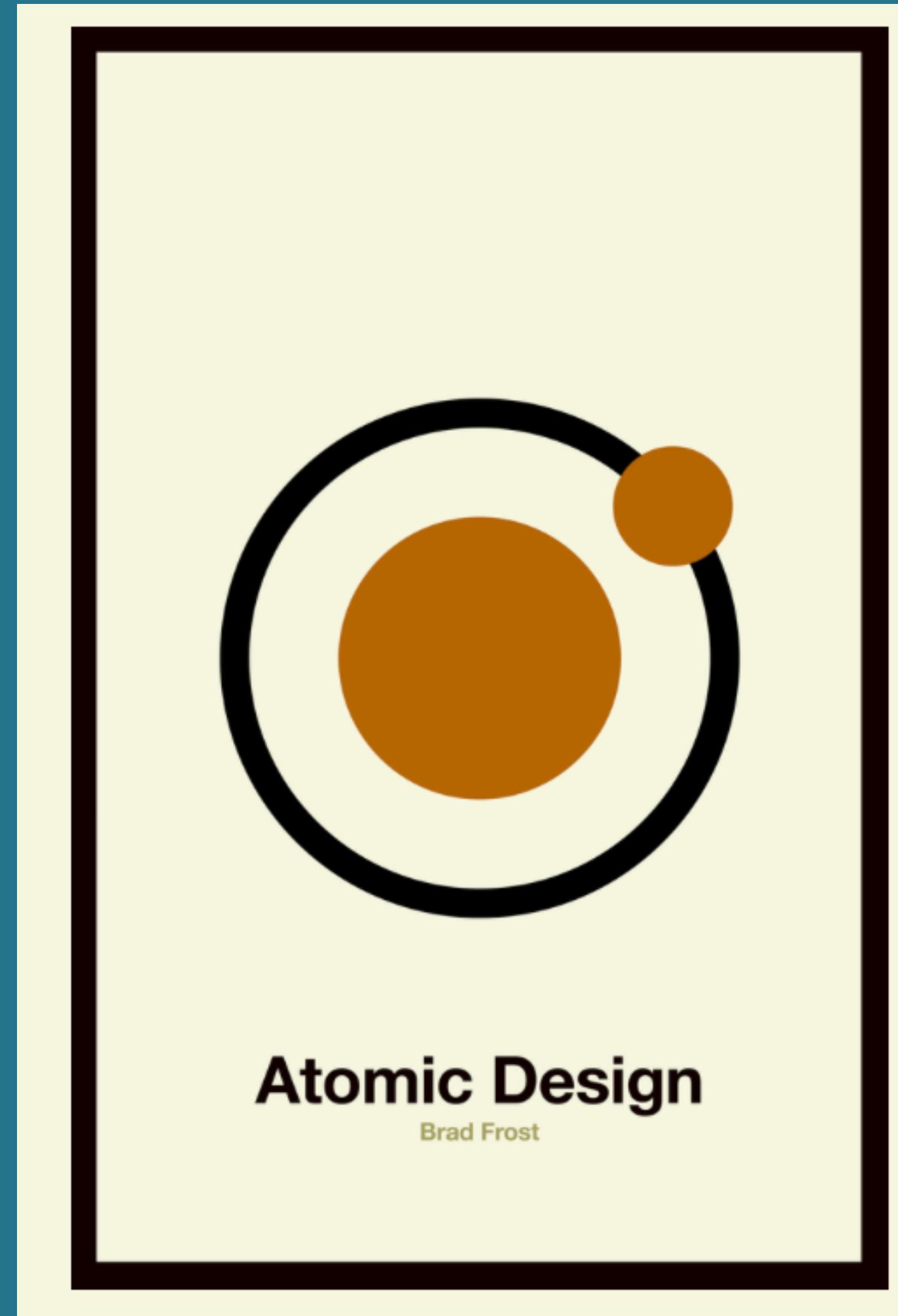
Pages



SEARCH THE SITE

ENTER KEYWORD

SEARCH



Responsive Deliverables

Dave Rupert



“Tiny Bootstraps, for
Every Client”

Dave Rupert



The Microsoft homepage features a large image of an HTC smartphone displaying a grid of app icons. A dashed line highlights the phone's screen area. To the left, a blue box promotes "Design the next great app for Windows Phone" and "Get the SDK". Below the phone, there are several sections: "Discover" (Windows, Office, Surface, Windows Phone, Xbox, Skype, Bing), "For home" (Check out the revolutionary screen management for Surface, Streamline your workday with Windows 8.1, Use search with search results you really like, Type live in the Start Screen), "Downloads" (Windows, Office, Internet Explorer), "Security & updates" (Microsoft Update, Microsoft Security Essentials, Windows Service Pack Center), and "Support" (Windows Help and Support, Office, Windows Live account). A "Follow us" section includes links for Facebook, Twitter, and News Center. A green banner at the bottom right announces "Rx for an ailing healthcare system" from March 4, 2013. The footer contains links for "Other Microsoft sites" (Windows, Office, Surface, Windows Phone, Xbox, Skype, Bing, Microsoft Store), "Downloads" (External Drive, Windows download, Office download), "Security" (Security Home, Microsoft Security Essentials), "Footer resources" (Windows 8.1, PC and Laptop, Tablet and Computer, Windows Phone security, Windows Phone apps and games, Microsoft computer security, Microsoft revised test, Microsoft Dynamics CRM Online), and "Support" (Support Home, Knowledge base). The footer also includes links for "Contact us", "Privacy & Cookies", "Terms of use", "Trademarks", and "© 2013 Microsoft".



HTML Wireframes





KENT STATE UNIVERSITY

Kent State Student Crowned Miss Ohio 2013 [Read Full Story](#)

1 2 3 4 5 6

Information For ... ▾

Future Students
Current Students
International Students
Parents
Faculty/Staff
Alumni
 Governor Appoints Student to Kent State Board of Trustees
 Porthouse Theatre Closes Summer Season With "Fiddler on the..."

[read more](#)

Explore KSU Admissions
A wealth of learning opportunities

Apply Online [Search Majors and Degrees](#)
[Take a Tour](#) [Summer Classes](#)

Caption Here

What to do at KSU

JUL. 24, 2013 SEP. 8, 2013
Campus Tour Jessica Holcomb, saxophone

AUG. 16, 2013 OCT. 5, 2013
BSN Summer Convocation Homecoming 2013

[See All Events](#)

As a top Ohio undergraduate and graduate school, Kent State's eight campuses offer the resources of a large university with the friendly atmosphere of a liberal arts college. Enroll today to start pursuing your future at one of the best colleges in Ohio. We've been educating graduates for over 100 years; join us today.

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News & Announcements ▾

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Current Students	Faculty & Staff
International Students	Alumni & Friends

As a top Ohio undergraduate and graduate school, Kent State's eight campuses offer the resources of a large university with the friendly atmosphere of a liberal arts college. Enroll today to start pursuing your future at one of the best colleges in Ohio. We've been educating graduates for over 100 years; join us today.

Copyright 2013 Kent State University Kent, Ohio 44242 Phone: 330-672-3000

What Are Some Problems with Static Wireframes?



**HTML Wireframes show
the structure of a web
page in the browser.**



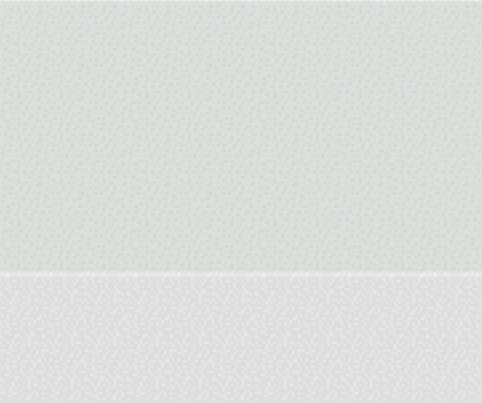
“You start out with a big slab of rock, and slowly chip away to get the rough shape of the form you’re creating. You take another pass at it to get a better sense of the object you’re trying to extract from the stone. You take another pass to start getting a bit more detailed. Eventually, you start honing in on a particular aspect of the form: a face, the arms, or the torso. Slowly but surely you detail each section of the sculpture until you’ve arrived at the final form.”

Brad Frost, HTML Wireframes





Nav Nav Nav Nav

 Search 

Pro

Produce

Programs

Produce to People

Community SNAP

Farm Stand

Summer Food

Commodity Supplement

Nutrition

Agency Relations

Educational

Donate Form
Contact information
Footer navigation
Social media links
Newsletter



Programs □ Get Help Get Involved □ About □ Resources □ News Events Contact Donate



A member of Feeding America

Get Help > Give Help >

Programs

About

Resources

News

Events

Contact

Donate

Search



Program Details

Produce to People provides lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer fringilla sem a urna porttitor fringilla. Nulla eget justo felis.

Programs

Produce to People

Community Harvest

SNAP

Farm Stand Project

Summer Food

Commodity

Supplemental Food

Program

Nutrition

Agency Relations

Educational Programs

Heading 1

- This is a list item
- An unordered list item
- Sometimes, an unordered list can be nested
- Lists can be nested
 - This is a nested list item
 - This is another nested list item
- This is the last list item

A block quote with a written citation

Programs

Produce to People

Community Harvest

SNAP

Farm Stand Project

Summer Food

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Heading 1

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Programs

Produce to People

Community Harvest

SNAP

Heading Level 2

Get Help > Give Help >

Programs

About

Resources

News

Events

Contact

Donate

Search



Search

Donate

Program Detail Page

Produce to People provides lorem ipsum dolor sit amet, consectetur adipiscing elit.



A member of Feeding America

lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer fringilla sem a urna porttitor fringilla. Nulla eget justo felis.

Aliquam erat volutpat. Mauris vulputate scelerisque feugiat. Cras a erat a diam venenatis aliquam. Sed tempus, purus ac pretium varius.

Produce to Stories

This Is the Post
January 12

This Is Also a Post
January 20

HTML Wireframe Hands-On

www.rwdkent.com/class/assignments/wireframes



Flexbox Part 2



How Does Flexbox Work?



Start by telling a “container” box element to display: flex. This will make all of its children display as flexible items.







```
main {  
  display: flex;  
}
```



<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>



Boxes & Layout Assignment

www.rwdkent.com/class/assignments/layout2



For Next Class

Using SVG by Chris Coyier

Mo' Pixels Mo' Problems

Fast Enough by Tim Kadlec

Understanding Progressive Enhancement by Aaron Gustafson

Start Work On:

HTML Wireframes

Boxes & Layout Assignment

