



Front End 101

Lesson 2: Grid Systems, More Responsive Aspects

Schedule

Part 1 - Grid Systems, Frameworks

1. What is a grid system?
2. Popular frameworks with grid systems
 - a. Bootstrap
 - b. Zurb Foundation

Part 2 - Responsive Wrap-up

1. Other responsive concerns
 - a. float:
 - b. display:
 - c. Fixed widths vs percentage widths
 - d. max-width vs width
 - e. !important

Homework

Goals

1. Try out a few more responsive web design concerns, get more comfortable with breakpoints

Assignment

1. Create your own simple grid system with CSS classes that accommodates a 1200px layout with 200px for each block, for a total of 6 horizontal blocks. Create a sample web page with 12 blocks of content that, when the web page is viewed on a wider screen, show the blocks like so:

```
x x x x x x
x x x x x x
```

and when viewed on a smaller screen, stack the blocks on top of each other:

```
x
x
```

X
X
X
X
X
X
X
X
X
X
X
X

2. **Bonus assignment:** create a website for a fictional business that sells widgets using the Bootstrap framework

Recommended Activity

Check out the code for some popular front-end frameworks that include grid systems to see how a grid system is constructed:

<https://github.com/twbs/bootstrap>

<https://github.com/nathansmith/unsemantic/tree/master/assets>