

DEV LAB: FOUNDATION

GRID-BASED DESIGN

divide screen into equal-width
columns

columns separated by gutters

margins on both sides of window

GRID-BASED DESIGN

elements may span multiple
columns

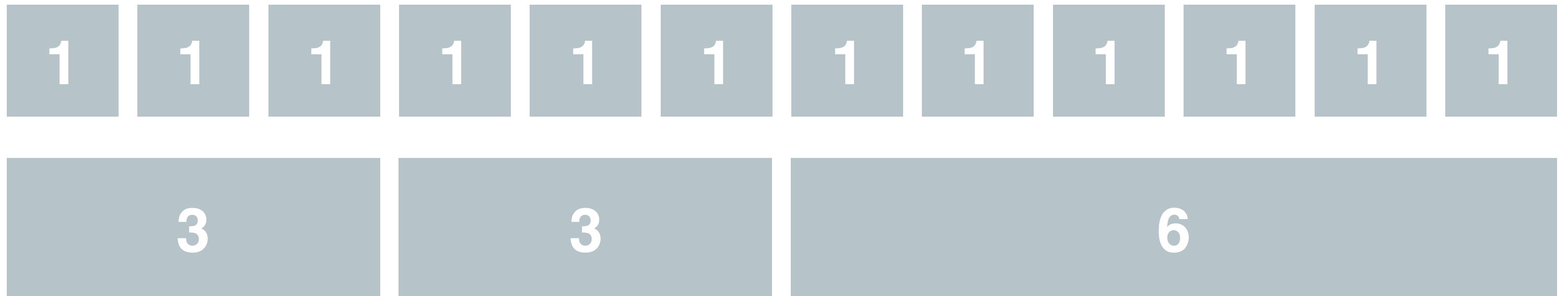
elements start or end at column
boundaries

CSS FRAMEWORKS

Foundation 6



FOUNDATION GRID



12-column, nestable grid

GRID CLASSES

use predefined class libraries
to create layouts and define
responsive behaviors

GRID CLASSES

3

3

6

```
<div class="row">
```

```
  <div class="small-3 columns">...</div>
```

```
  <div class="small-3 columns">...</div>
```

```
  <div class="small-6 columns">...</div>
```

```
</div>
```

All children of rows
must be columns!



COLUMN CLASSES

`small-#` `max-width: 640px`

`medium-#` `min-width: 641px and max-width: 1024px`

`large-#` `min-width: 1025 and max-width: 1440px`

`xlarge-#` `min-width: 1441 and max-width: 1920px`

`xxlarge-#` `min-width: 1920px`

MOBILE FIRST BEHAVIOR

3

3

6

larger devices will inherit
styles from smaller ones

```
<div class="row">
```

```
  <div class="medium-3 columns">...</div>
```

```
  <div class="medium-3 columns">...</div>
```

```
  <div class="medium-6 columns">...</div>
```

```
</div>
```



MOBILE FIRST BEHAVIOR

```
<div class="row">  
  <div class="small-3 large-2 columns">...</div>  
  <div class="small-3 large-2 columns">...</div>  
  <div class="small-6 large-8 columns">...</div>  
</div>
```

what does this do?

NESTING GRIDS

```
<div class="row">  
  <div class="small-3 columns">...</div>  
  <div class="small-9 columns">  
    <div class="row">  
      <div class="medium-6 columns">...</div>  
      <div class="medium-6 columns">...</div>  
    </div>  
  </div>  
</div>
```



OTHER GRID CLASSES

`<div class="row">`
 `<div class="small-4 small-offset-2 columns">...</div>`
`</div>`

offset columns

`<div class="row">`
 `<div class="small-3 small-centered columns">...</div>`
`</div>`

center columns



REORDER COLUMNS

```
<div class="row">  
  <div class="medium-9 medium-push-3 columns">...</div>  
  <div class="medium-3 medium-pull-9 columns">...</div>  
</div>
```



CUSTOMIZING WITH SASS

customize grid with SASS
variables in `_settings.scss`

COMPONENTS

Nav bar

Carousel

Flex video

Block grid