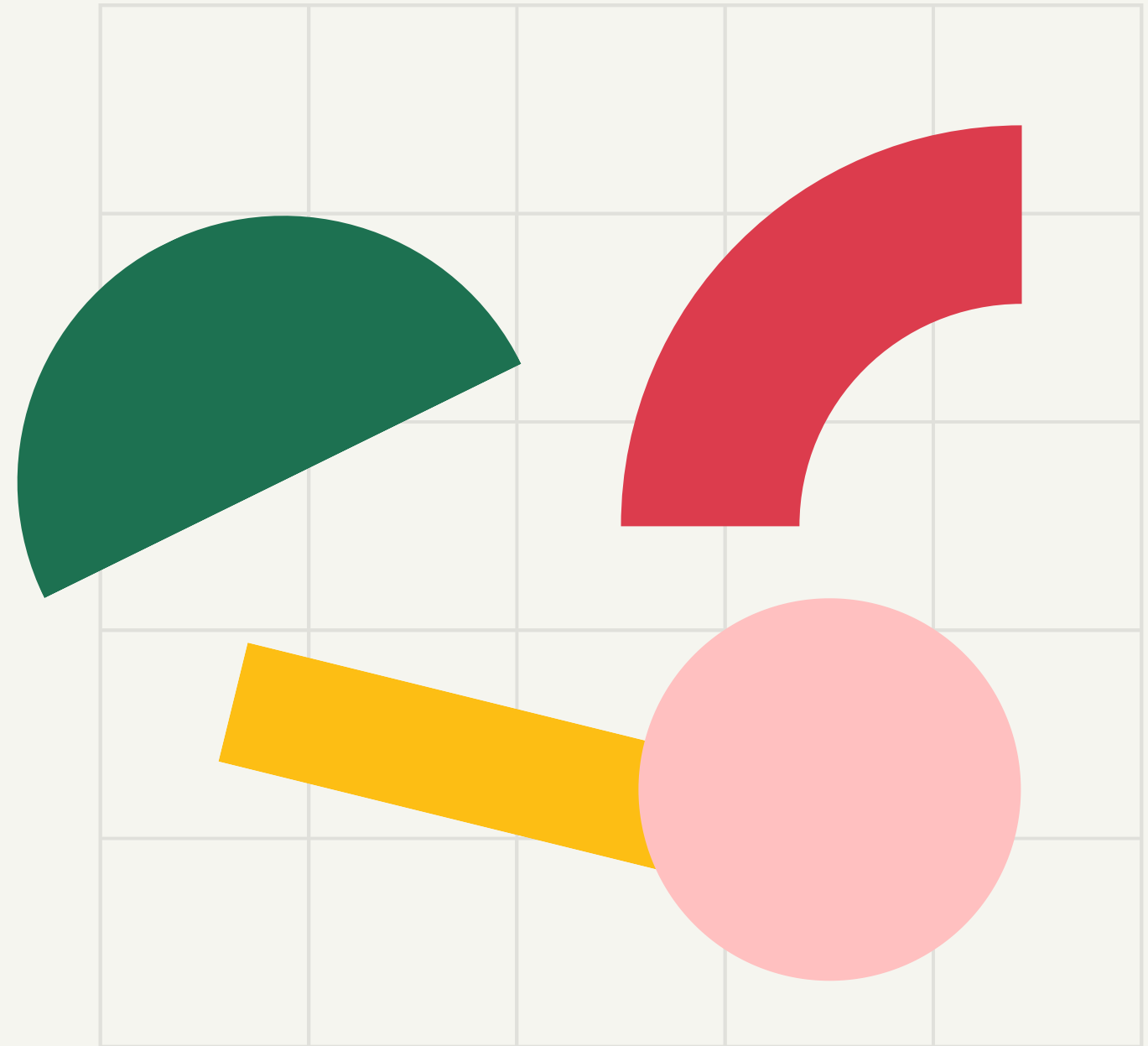# HTML Next Steps and Semantics

Course for Beginners

CG

Unit Goals

what we'll cover

- define HTML5

- write semantic markup

- work with entity codes

- understand inline vs block

- utililze elements including

  - div & span

  - sup & sub

  - em & strong

  - header & footer

  - main & nav

HTML

5

What is HTML5?

LIVING STANDARD
The HTML standard is a document that describes how HTML should work

ROLE OF BROWSERS
The standard describes the rules of HTML, but browsers actually have to do the work and implement HTML according to those rules
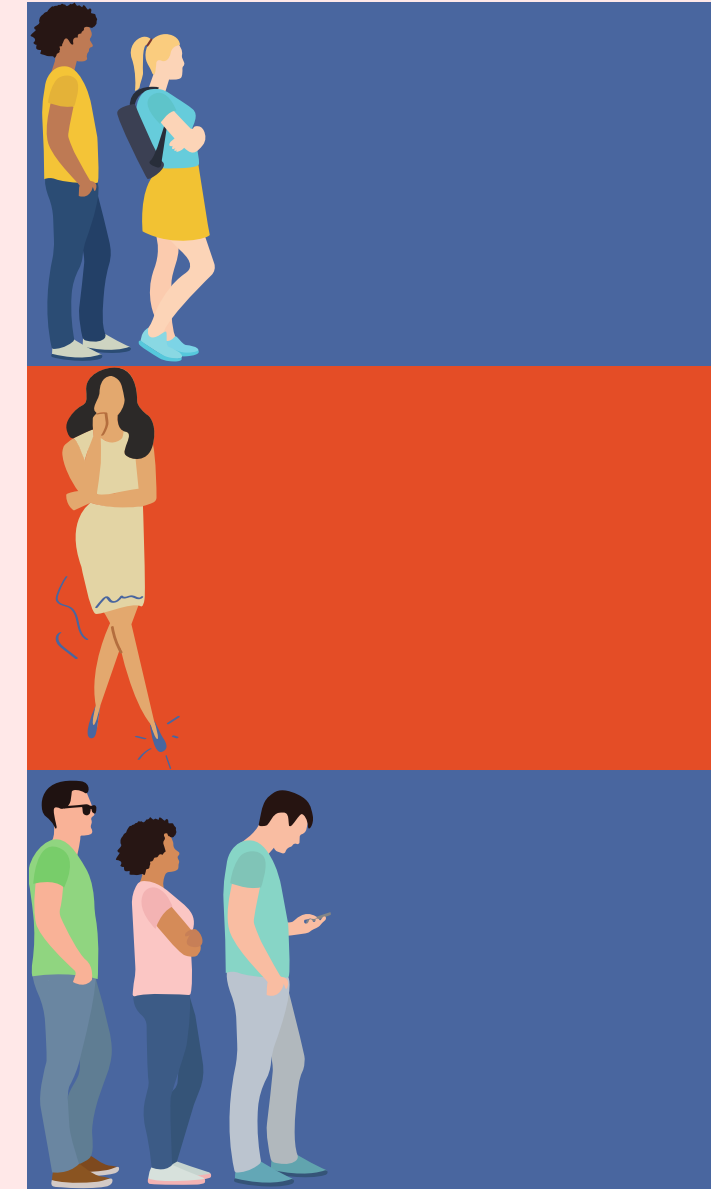
HTML5?
HTML5 is the latest evolution of the standard that defines HTML. It includes new elements & features for browsers to implement.

HTML ELEMENT TYPES

INLINE Elements
fit in alongside other elements

BLOCK Elements
take up a whole "block" of space

SEMANTIC MARKUP

Semantic – relating to meaning

"what purpose or role does that HTML element have?

INSTEAD OF DIVS

Use more specific elements like:

```
<section>
<article>
<nav>
<main>
<header>
<footer>
<aside>
<summary>
```

HTML ENTITIES

♣ ♣ ♣ ♣

gives us:

♣♣♣♣

HTML ENTITIES

- start with an ampersand and end with a semicolon

- usesd to display reserved characters, that normally would be invalid

- also used in place of difficult to type character

- the browser interprets them and renders the correct character instead