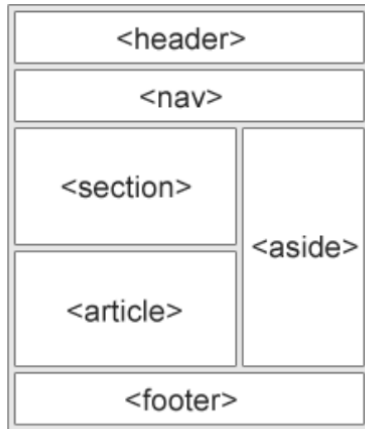| Goal: Make a website explaining the Current CS Electives | POINTS |
|---|---|
| 5 total pages (index.html, introCS.html, iOS.html, APCSP.html, APCSA.html) | 10 |
| On the index.html, there is a working navigational system to all internal pages, a link to a Google Form indicating what course the student is interested in taking, and an external link to the Highland Park High School Course Descriptions. | 10 |
| On the Intro to CS page – introCS.html, there are the following details:<br>• No math requirement, No Prerequisite<br>• HW load - 10 minutes or less per night<br>• Introductory Concepts Include: Graphic Design & Web Design (HTML/CSS/JS), Game Design (procedural programming), APP Design (event driven programming), Python Programming<br>In addition there is a link to a video that explains what intro to computer science is.. (create a small video of your experience in the course (1min) and link it) & In addition, there is a working navigational system that takes you to all other pages and an external link to the HPHS course description. | 20 |
| On the iOS App Development page – iOS.html, there are the following details:<br>• No math requirement, No Prerequisite<br>• HW load - none<br>• Introductory concepts specifically for iOS APP Building<br>In addition there is a link to a video that explains what computer science is.. (think Ted Talk or you pick) & In addition, there is a working navigational system that takes you to all other pages and an external link to the HPHS course description. | 20 |
| On the APCSP.html page there are the following details:<br>• Successful completion (B or higher) of A2T or Intro to CS or prior AP class taken<br>• HW load - 30 minutes or less per night<br>• Post Introductory Concepts include: The Internet, Big Data, Algorithms & Encryption, Event Driven (JavaScript) APP Building, Security & Privacy<br>In addition there is a link to a video that explains what computer science is.. (find a Code.org, Ted Talk or something different than the one above OR find someone in APCSP and interview them and upload link here) & In addition, there is a working navigational system that takes you to all other pages and an external link to the HPHS course description. | 20 |
| On the APCSA.html page, there are the following details:<br>• Successful completion (B or higher) of AP CSP or 1+ year(s) experience in robotics programming<br>• HW load - 30 minutes per night<br>• Advanced CS concepts discussed<br>o Taking AP Computer Science A can lead to a future in…<br>In addition there is a link to a video that explains what computer science is.. (find a Code.org, Ted Talk or something different than the one above OR find someone in APCSP and interview them and upload link here) & In addition, there is a working navigational system that takes you to all other pages and an external link to the HPHS course description. | 20 |
| The web site design looks professional and has images that are professional and appropriate and the repl.it link has been uploaded to my website. | 5 |
| **Every page must use external styling (CSS)** | **20** |
| **Every Page must have the correct sections and use responsive design (W3Schools)** | **20** |
| **Total** | **145** |

W3Schools Link – HTML Layout https://www.w3schools.com/html/html_layout.asp

CSS Website Layout https://www.w3schools.com/css/css_website_layout.asp

# HTML Layout Elements

Websites often display content in multiple columns (like a magazine or newspaper).

HTML offers several semantic elements that define the different parts of a web page:



- <header> - Defines a header for a document or a section
- <nav> - Defines a container for navigation links
- <section> - Defines a section in a document
- <article> - Defines an independent self-contained article
- <aside> - Defines content aside from the content (like a sidebar)
- <footer> - Defines a footer for a document or a section
- <details> - Defines additional details
- <summary> - Defines a heading for the <details> element

```html
1  <body>
2  <h2>CSS Layout Flexbox</h2>
3  <p>In this example, we have created a header, two columns/boxes and a footer. On smaller screens, the
4  <p>Resize the browser window to see the responsive effect.</p>
5  <p><strong>Note:</strong> Flexbox is not supported in Internet Explorer 10 and earlier versions.</p>
6  <header>
7      <h2>Cities</h2>
8  </header>
9  <section>
10    <nav>
11      <ul>
12        <li><a href="#">London</a></li>
13        <li><a href="#">Paris</a></li>
14        <li><a href="#">Tokyo</a></li>
15      </ul>
16    </nav>
17    <article>
18      <h1>London</h1>
19      <p>London is the capital city of England. It is the most populous city in the  United Kingdom, wit
20      <p>Standing on the River Thames, London has been a major settlement for two millennia, its history
21    </article>
22  </section>
23  <footer>
24    <p>Footer</p>
25  </footer>
26  </body>
```