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Week 7 Research

1. What are 3 HTML elements not mentioned any of the video this week? What do they do and how are they used?

- `<details>`

- The details tag allows a user to click open and expand additional details/content. Any type of content can be added to the details tab, so it could expand text describing something or even a photo! When the user is done reviewing the content, they can close the details tab to remove it from sight.

https://www.w3schools.com/tags/tag_details.asp

- `<sub>`

- The sub tag will create text that appears half a step below the line of text. The most common example of sub text is the 2 in the elemental form of water (H₂O).

https://www.w3schools.com/tags/tag_sub.asp

- `<time>`

- The time tag is used to define a specific time. An attribute of the time tag is datetime, which translates the date/time into a readable format that allows users to add the date and time details as reminders to a calendar. This is also helpful if you want your users to easily be able to find your event through search engine results!

https://www.w3schools.com/tags/tag_time.asp

2. Choose one of your favorite websites and identify 5 different HTML elements used on the website. Make sure to include the URL in your submission.

Southeastern MA Festival Chorus: <https://smfconline.org/>

1. The `<a>` is used multiple times with the `` tag within, allowing users to click on multiple images that are linked to different areas of the site.
2. The `<footer>` tag is utilized at the very bottom of the page to include the tags for the chorus.
3. Just above the footer the `<hr>` horizontal rule tag is utilized to create a break/line.
4. The top half of the page has several drop-down menus, which would be created utilizing the `<select>` element.
5. There's a section where users can sign up to be on the email list, which requires the `<input>` element to allow the user to add their own information in.