

Periodic Table

In this assignment, you will make a web based periodic table of elements using table commands. You are going to need a little help on this one, so you may work in groups of 4 or 5. Label each section of the site that you create using comment tags.



Requirements:

1. **Get checked off** for reading Ross - CSS: Intro, Advanced, Text and Links. (If you read all Ross' CSS you get extra credit. <http://www.yourhtmlsource.com>)
2. Create a visual theme for the web site that includes colors, font styles and decoration that will be used on all pages and for all authors.
3. Each cell must contain at least:
 - a. An elemental symbol that hyperlinks to a **description** page that opens in a new page containing: a picture of the element and some sort of description or demonstration of its **practical uses**
 - b. Atomic number
 - c. The elemental symbol; its color must represent its **state** at room temperature (solid, liquid or gas)
 - d. A background color/pic for each cell indicating the element's group.
4. Use cell padding, spacing and spanning to make your table attractive.
5. Turn your work in by *publishing it* and adding a link to your site in the grading wiki page. Submit a **printed copy** of your source.

Procedure:

1. The general editor distributes points using an excel grading sheet.
2. Your group will receive points based on the value of the final product.
3. You receive points from your group in proportion to your contribution.

Grading:

You will be graded as a group using the following grading system.

1. **Scope:** Project size and complexity.
2. **Knowledge:** All knowledge displayed in any form.
3. **Mechanics:** Links work, well written, "friendly", intuitive.
4. **Impact:** How much it makes people want to buy your table.

Suggestions:

1. Assign someone bright to write a CSS style sheet file that will standardize all formatting throughout the site.
2. Free the general editor of all work except quality control and assembly of the final product. Provide that person with html files saved on flash drives or in the cloud that contains all completed work, as it is finished, so the site can be built and tested as it is being made.
3. Test your work. Read text aloud to a friend. Check all the links; make sure they all work.
4. Assign someone with artistic ability to make logos and art work and choose colors and backgrounds for the site as a whole.
5. Assign rows, not columns to people. The `<td>` tag works better that way. The top three rows have less information in them and require more thinking; keep that in mind when giving out work.
6. Use color. Pictures are better than text. Interactivity is good. Animations get points in design.
7. Give your table a face lift using `bordercolorlight` and `bordercolordark` for a 3-d effect.
8. The mouseover function will create a user-friendly tech-savvy look and feel to your page that is worth points in knowledge.

