

# [eLibrary](#) [Periodic Table](#)

## Teacher Summary

This page starts with some basic information. Visitors may be coming to this page from elementary, middle school, or high school. Basic information may be needed to enhance their visits. The subsection which provides information on the 'what' of this scientific tool: "[What is the Periodic Table](#)" also contains almost three hours of videos for students to review both in and out of class.

The second section presents a variety of [Periodic Tables](#). In addition to each table presenting slightly different information, International Student and Visitors (and some of our pages are visited by people in more than 130 countries each year), will find tables in nine languages. Additionally, there are graphically rich presentations, such as the [Memory Peg](#) and [Visual Version](#), which may help some students to better remember information.

Students are often tasked, at all three levels, to create posters about a specific element from the periodic table. The links to [individual elements](#) and [families of elements](#), when combined with the [video version of the periodic table](#), should provide a rich set of resources. (Assignments which build on, and extend from, these 'poster' tasks would be very welcome additions to the tasks found further down the page. Feel free to suggest other tasks, or, as we start to build an ongoing collection of permanent electronic resources, submit tasks to the eLibrary so that they don't disappear as you change schools or places of work.)

Games and challenges are a great way to motivate some students. The first 16 links found in [Section 5 An 'Element' of Fun](#) will hopefully challenge students while providing activities to cement knowledge or allow students who have finished their work a bit of reinforcing time. I suspect, however, that item 17, the [element song](#), will soon fall from favor (after it has been played over and over...lol).

A selection of links, in Section 7 - Miscellaneous Resources, is designed to complement [Science Fairs](#) and teach about the [Nobel and other prizes](#) in Chemistry. These links are also intended to extend classroom activities and promote excellence.

New pages, in the eLibrary, now routinely end with a set of [careers links](#). Your comments and suggestions, to improve this important new section, would be very welcome.

In my opinion three of the most interesting links are:

1. The Periodic [Table of videos](#), out of the University of Nottingham in England, provides a rich resource that should benefit both those deeply interested in Chemistry and more casual visitors. The short, up to 8 minute videos, might be used as an ongoing way to start, or end, classes.
2. [The Mendeleev Castle](#) game, by Kent Franklin, seems interesting. It may lend itself to similarly created challenges in other settings such as a high rise building with a wonky elevator or a corn maze.
3. The [Periodic Table of Comic Books](#), from the University of Kentucky, provides crossover links to reading and points to opportunities to extend this topic into other areas such as Elements in Mystery fiction or the Periodic Table and Sports.

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