

**William Annin Media Center – 6th Grade Science – Periodic Table Elements Research
Pathfinder for Selected Databases/Websites**

To locate the databases:

Go to the **William Annin Middle School** home page. In the left column under **Media Center** click on **Research**, then select **Grade 6 Science**.



Sirs Discoverer

For searching on elements, use the **Keyword** option or select **Encyclopedia** icon at bottom right of page. Enter your element name. Make sure to spell it correctly!

Notice that all the results show in the **All Articles** tab if you used the **Keyword** option. Click on **Reference** tab to limit results to just reference sources. An article with your element name should be at or near the top of the list.

***Click on "Source & Summary" at top of screen to get **citation** information for your source. ***



EBSCOhost KIDS SEARCH

Select **Encyclopedia** tab at top of page. Type in your **element name** in the search box. The encyclopedia is *Funk & Wagnalls New World Encyclopedia* (use this for *Reference Source* name on citation sheet.)

Basic element information is abbreviated in first paragraph (at no=atomic number, etc.) Related results include other elements in the same element group or family.



World Book Online

WORLD BOOK Online:

Type in your element name in the search box. Results include encyclopedia entries, dictionary entries, tables, pictures, etc. Click on **Encyclopedia Articles** on left side of screen. You should see an article titled with the name of your element. Good basic information on the element and its geographic sources.



GALE Virtual Reference Library (E-BOOKS)

Type in your **element name** in the search box. Select **Subject** search. Results are E-books, *previously published in print* so there are page numbers. Click on title of E-book. Very good information on elements. All are copyright **2010** and the database name is **GALE Virtual Reference Library**. Citation information listed in **Source** section at top of page.

Element Websites

Chemical Elements.com – Click on element symbol in table. Includes good structure facts on elements; good layout of information and reading level for understanding. Citation information is at the bottom of the page.

Web Elements.com – Click on element symbol in table. Includes basic structure facts on the elements. Layout of web site is a little confusing with blocked ads. Good image of element.

CorrosionSource Periodic Table (Corrosionsource.com) - Click on element symbol in table. Basic structure facts in a chart is easy to read. Brief summary of element but includes interesting facts like cost per gram.

Chemicool.com – Click on element symbol in table. Challenging reading level, a little complex to read. Interesting 30 sec. YouTube video clips about the element on some pages.

Environmental Chemistry – Scroll down to periodic table and click on element. Includes detailed data on *structure, chemical and physical properties* and *historical information* for each element. A little difficult to navigate the page – LOTS of information and some advertisements. More challenging reading level. Citation information is at the bottom of the page.

Los Alamos Labs Periodic Table – Visually attractive. Brief information at a good reading level. Nice format with headings for *History, Sources, Properties, Uses* and *Costs*.

Periodic Table-Flash Version –Takes a LONG time to load. Visually beautiful. Periodic table does not have element symbols so need to know where your element is in the table. Click on element location. Very basic information on next page including *discoverer, origin, and description*. Click on “*html*” under “*Chemical Data*” on left of screen to get more detailed information. Click on “*PDF*” under “*Chemical Data*” to get a printer-friendly version.