***PATTERNS IN THE PERIODIC TABLE***

[](http://www.google.ca/imgres?q=chemistry&um=1&hl=en&biw=1366&bih=673&tbm=isch&tbnid=P_baf1or9epLSM:&imgrefurl=http://neurobonkers.com/2011/04/26/the-mystery-chemist/&docid=V1Ll0cMooQ_RpM&imgurl=http://neurobonkers.com/wp-content/uploads/2011/04/Mystery-Chemist.gif&w=417&h=588&ei=IRN3UJz1D_Oq0AH9toFg&zoom=1&iact=hc&vpx=1134&vpy=136&dur=1324&hovh=267&hovw=189&tx=122&ty=132&sig=106391495954961825574&page=2&tbnh=146&tbnw=102&start=18&ndsp=24&ved=1t:429,r:5,s:18,i:210)

The periodic table is a table of elements.

An element is a pure substance that cannot be broken down into a simpler

chemical substance.

The periodic table is universally used and understood.

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| Alkali Metals |  |
| Alkaline Earth Metals |  |
| Halogens |  |
| Noble Gases |  |