

Science Notebook Layout **DON'T COPY UNDERLINED TEXT**

Mrs. Aguirre's Webpage: <http://www.quia.com/profiles/caguirre>

Use your textbook pages 142-145 to help you find the following:

<u>Cue</u>	<u>Examples</u>
A member of the carbon family	
Chemical properties similar to calcium, but not calcium	
A transition metal that has a "C" in the symbol	
A member of the oxygen family	
Chemical properties similar to cesium, but not cesium	
A member of the noble gas family	
A nonmetal in the nitrogen family	
A metal in the boron family	
A gas in the oxygen family	
A solid in the halogen family	
An element that is liquid at room temperature (Page 145)	
A transition metal with less than 25 protons	
A transition metal commonly found in jewelry	
A metalloid in the carbon family	
Chemical properties similar to aluminum, but not aluminum	
A transition metal with 39 - 43 protons	
An element symbol with a first letter that is different from the first letter of the name	
A member of the nitrogen family with a one-letter symbol	
A transition metal from period 5	

A new element discovered!



Tell me everything you can about this new element discovered at Cal Berkeley this weekend. Draw picture(s)!!

Key words:

Element, isotopes, protons, electrons, neutrons, atomic structure, family, energy levels, atomic number, atomic mass, etc.

Periodic Table Building

(Lab Manual pages 31-32)

What we noticed about the periodic tables.....

- 1.
- 2.
- 3.
- 4.

List at least three things

Compare the table in your notebook to the one on the table

Be prepared to share with the class

Section	1st element	Section Name	Chemical Properties (use pages 142-145 in text)
A	Lithium	Alkali metals	
B	Beryllium	Group 2 Metals	
C, D, E	Scandium	Transition Metals	
J	Fluorine	Halogens	
K	Helium	Noble Gases	