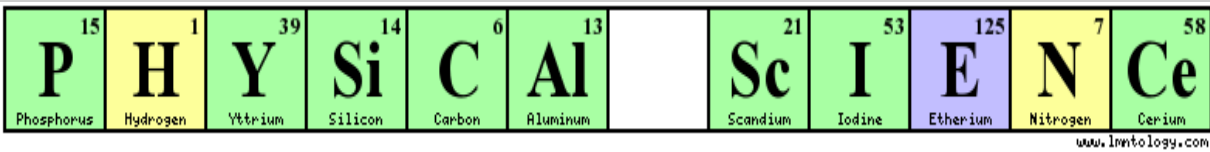




Hot Syncs Week of 3/6

VALUES—Choose three of your highest values and answer the following questions about each.

- **Is this something that's important to you?**
 - **Do you feel good about this being important to you?**
 - **Would you feel good if people you respect knew that this was important to you?**
 - **Have you ever done anything that indicates that this is important to you?**
 - **Is this something you would stand by even if others made fun of you for it?**
 - **Does this fit in with your vision of who you are?**



Mrs. Winters

Materials Needed Today

Please take these materials out of your backpack.

- Pencil
- Colored Folder
- Adopt an Element
- **HAPPY BIRTHDAY**
Hannah and Ryan!

Hot Sync

Monday 3/6/17

Answer the following questions in **complete sentences** on the hot sync worksheet.

- 1) What particle is found the farthest from the center of an atom? (1 sentence) (the particle that is found the..)
- 2) A table shows the atomic mass of four stable calcium (Ca) isotopes. What characteristic is different in each isotope?

Isotope	Atomic Mass
Ca-40	40
Ca-42	42
Ca-43	43
Ca-44	44

- * the position in the periodic table of the elements
- * the net charge of the nucleus
- * the mass of the protons in the nucleus
- the number of neutrons in the nucleus



CLEAR THE FLOOR!

15 P Phosphorus	1 H Hydrogen	39 Y Yttrium	14 Si Silicon	6 C Carbon	13 Al Aluminum		21 Sc Scandium	53 I Iodine	125 E Ethereum	7 N Nitrogen	58 Ce Cerium
-----------------------	--------------------	--------------------	---------------------	------------------	----------------------	--	----------------------	-------------------	----------------------	--------------------	--------------------

www.lmology.com

Mrs. Winters

Hot Sync

Tuesday 3/7/17

Materials Needed Today

Please take these materials out of your backpack.

- Pencil
- Colored Folder
- Flash Cards 1-10

Answer the following questions in **complete sentences** on the hot sync worksheet.

Looking at your periodic table and what you know about it, find the element in Group 2, period 2 and answer the following!!! (then draw it!)

- The name and symbol
- The number of protons, neutrons, electrons
- Whether it is a metal, metalloid, or non metal
- What family it belongs to
- Does it conduct electricity?
- Is it reactive?
- Draw it's electron configuration

Riddle of the Day!!!

What is.....

Free, but it's priceless.

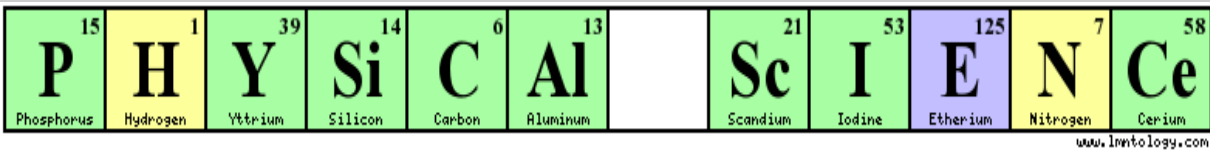
You can't own it, but you can use it.

You can't keep it, but you can spend it.

Once you've lost it you can never get it back

VALUES—Choose three of your highest values and answer the following questions about each. (20 points)

- Is this something that's important to you?
 - Do you feel good about this being important to you?
 - Would you feel good if people you respect knew that this was important to you?
 - Have you ever done anything that indicates that this is important to you?
 - Is this something you would stand by even if others made fun of you for it?
 - Does this fit in with your vision of who you are?
- Create a “collage” on a blank sheet of paper that represents your three core values (50 points)
 - You can draw by hand, or cut pictures from magazines or get them from online!
 - It will be graded on time spent on it, organization, creativity, and generally how well it was done.



Mrs. Winters

Hot Sync

Wednesday 3/8/17

Materials Needed Today

Please take these materials out of your backpack.

- Pencil
- Colored Folder

Answer the following questions in **complete sentences** on the hot sync worksheet.

1) Complete the following table using your periodic table:

Element	Atomic #	Protons	Neutrons	Electrons	Atomic Mass
Au					
Y					
Fe					

15 P Phosphorus	1 H Hydrogen	39 Y Yttrium	14 Si Silicon	6 C Carbon	13 Al Aluminum		21 Sc Scandium	53 I Iodine	125 E Ethereum	7 N Nitrogen	58 Ce Cerium
------------------------------	---------------------------	---------------------------	----------------------------	-------------------------	-----------------------------	--	-----------------------------	--------------------------	-----------------------------	---------------------------	---------------------------

www.lmtoology.com

Mrs. Winters

Materials Needed Today

Please take these materials out of your backpack.

- Pencil
- Colored Folder

Hot Sync

Thursday 3/9/17

Answer the following questions in **complete sentences** on the hot sync worksheet.

Finish your atomic dating game!

15 P Phosphorus	1 H Hydrogen	39 Y Yttrium	14 Si Silicon	6 C Carbon	13 Al Aluminum		21 Sc Scandium	53 I Iodine	125 E Ethereum	7 N Nitrogen	58 Ce Cerium
------------------------------	---------------------------	---------------------------	----------------------------	-------------------------	-----------------------------	--	-----------------------------	--------------------------	-----------------------------	---------------------------	---------------------------

www.lmtoology.com

Hot Sync

Friday 3/10/17

Answer the following questions in **complete sentences** on the hot sync worksheet.

Mrs. Winters

Materials Needed Today

Please take these materials out of your backpack.

- Pencil
- Colored Folder

On a blank sheet of paper, draw a nucleus (about the size of a normal marshmallow) and three electron orbitals.

Use mini-marshmallow-sized unfilled circles to represent the “available” seats for electrons on each level.