Periodic Table Activity

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per: \_\_\_\_

Using the pink periodic table, your notes, and your book, complete the following:

1. Lightly color the metalloids purple.
2. Lightly color the metals with blue.
3. Lightly color the non-metals yellow.
4. Find the staircase that separates the metals from non-metals. Trace over it using red.
5. Using a green pencil, circle the group number of the **most** reactive group.
6. Using an orange pencil, circle the group number of the **least** reactive group.
7. Find the element on your periodic table that meets the following descriptions:
   1. Has 2 valence electrons, is chemically reactive, and can be found in milk
   2. Has 3 valence electrons and Pepsi Co. uses a lot of this.
   3. Has 1 valence electron, is a gas, and likes to combine with oxygen.
   4. Has 7 valence electrons and Crest toothpaste uses this.
   5. Has 6 valence electrons and without it you turn blue.
   6. Has 7 valence electrons and is in swimming pools.
   7. Has 5 valence electrons, is all around you, but you can’t use it.