

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

### Color Coding Your Periodic Table of Elements

You will show the organization of the PTE based on information we have discussed in class. Please use colored pencils/highlighters when asked to highlight an area. Use colored pencils or crayons to outline, diagonal stripe, or otherwise identify elements. **Do not forget to add a color key to your periodic table.**

1. Print your name and period in the upper right-hand corner of the PTE
2. Outline Hydrogen in black to make it stand out.
3. Draw a star around the atomic number
4. Place a square around the element symbol
5. Make a rectangle around the element name
6. Circle atomic mass
7. Highlight the *alkali metals* YELLOW. Be careful NOT to highlight hydrogen!
8. Highlight the *alkaline earth metals* PINK
9. Highlight the *noble gases* GREEN
10. Highlight the *metalloids* ORANGE
11. Outline the *halogens* in RED and stripe it diagonally
12. Outline the *oxygen family* with GREEN and stripe it diagonally
13. Outline the *nitrogen family* with YELLOW and stripe it diagonally
14. Outline the *carbon family* with PURPLE and stripe it diagonally
15. Outline the *boron family* with ORANGE and stripe it diagonally
16. Highlight the *transition metals* BLUE
17. Outline the *rare earth metals* in RED
18. Highlight the *lanthanides* GREEN
19. Highlight the actinides YELLOW
20. Use BLACK to make the border between the metals and nonmetals bold and clear
21. Make a GREEN triangle around the elements that are liquids in their natural state
22. Make a key at the top of the page that indicates all the color coding on the PTE (there should be 13)

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