

Periodic Table Activity

(DO NOT WRITE ON THIS SHEET)

Follow the directions to help make your Periodic Table into a valuable resource for Chemistry. Color each box lightly so you can read through it. You will need 10 DIFFERENT COLORS. Color in the KEY first, so you know what goes where!

1. **Radioactive elements:** Circle the symbol (blue pen); #43, 61, 84-118
2. **Alkali metals:** #3, 11, 19, 37, 55, 87
3. **Alkaline Earth metals:** #4, 12, 20, 38, 56, 88
4. **Other (Poor) metals:** #13, 31, 49, 50, 81, 82, 83, 113-116
6. **Noble (Inert) Gases (Group 18):** #2, 10, 18, 36, 54, 86, 118
7. **Transition metals:** #21-30, 39-48, 72-80, 104-112
8. **Non-metals:** 6-9, 15-17, 34-35, 53, 85, 117
9. **Metalloids:** #5, 14, 32, 33, 51, 52, 84
10. **Lanthanide Series:** #57-71, plus empty box 57-71
11. **Actinide Series:** #89-103, plus empty box 89-103
11. **Gas at room temperature:** Outline element box in purple (marker) #1, 2, 7-10, 17-18, 36, 54, 86, 118
12. **Liquid at room temperature:** Outline element box in green (marker); #35, 80
13. **Trace a staircase** to show separation between metals and non-metals. Use highlighter or sharpie. Start with line on top of Al (#13) box. Move down and right until you get to the right side of the Po (#84) box.

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