

## Locating Elements on the Table

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In this activity, you will make and trade “element cards” to better understand the organization of the periodic table.

### TRY IT!

1. Choose four elements from the **periodic table**.
2. For each element, create an “element card.” On an **index card**, write a set of directions that will lead someone to your element. For example, “Begin at nickel, and add 3 protons” could be written on a card as “Ni + 3 protons.” Another direction could be “2nd alkali metal from the bottom.”
3. Exchange cards with a classmate. Identify the element described on each card.

### THINK ABOUT IT!

4. How do the cards show the way in which atomic number relates to the periodic table?

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5. Can you use the information on the cards to identify regions, periods, and groups of elements on the periodic table? Explain.

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