

Getting to know the Periodic Table

Use as many blank periodic tables as seems logical for your learning style to learn this information. You should have at least 2 periodic tables when you're finished and some of you might choose to use a separate periodic table for each section. It's up to you. The point is for you to be able to recall this info at the end of the unit.

Metals and nonmetals

Identify where the metals and nonmetals are.

Physical states of the elements

Identify solids, liquids, and gases.

Representative vs. transition elements

Fold the periodic table in such a way that the transition metals can be hidden.

Ionic charges and family names

Label the group/family names of the representative metals and list their common ionic state at the top of each column.

Cut apart and insert inner transition metals

Hey, that part down at the bottom? The "inner transition metals?" Those are really a part of the whole periodic table. Cut one apart and put it back together like it "really" goes. See any reasons why all periodic tables aren't made like the one you make?

s, p, d, f blocks

Identify these areas of the periodic table.

Atomic size trends in representative elements

Ionic size trends in representative elements