

# The Periodic Table

Text	Unit Objectives:
6.1	1. The periodic table that we use today is the result of years of advancement evolving to its present form.
6.1	2. Learn how the current periodic table has been set up. Know the terms groups and periods and what they stand for.
6.2	3. Learn the different groups and their names.
6.3	4. Learn the groups and the main features and trends of each.
6.3	5. We must become comfortable with the following periodic trends Ionization Energy Electronegativity Atomic Radius Ionic Radius
	6. Be sure to know the location of metals, nonmetals, and metalloids on the periodic table and the properties associated with each.
6.1	7. Be sure to know the phases of each element when it is found under normal conditions as well as those that are diatomic.
6.2	8. This unit will require that you are able to read electron configurations.

### Essential Vocabulary

Alkali Metals, Alkaline Earth Metals, Allotrope, Ductile, Family, Group, Halogen, Halogen Substitution, Malleable, Metal, Metalloid, Noble Gas, Nonmetal, Period, Periodic Law, Transition Element, Weighted-Average Atomic Mass

### Announcements:

1. Some ideas from earlier in the year will be reviewed.