

## GROUP 16: OXYGEN FAMILY

The diagram shows a simplified periodic table. The elements in Group 16 (Oxygen Family) are highlighted in green. These elements are located in the 16th column of the periodic table, starting from the second period (Oxygen) down to the 7th period (Polonium). The highlighted elements are O, S, Se, Te, and Po.

<b>Element Symbols</b>	O, S, Se, Te, Po, Lv
<b># of Valence Electrons</b>	6 electrons in outer shell
<b>Metal, Nonmetal, or Metalloid</b>	Contains 2 metals, 1 metalloid, and 3 non-metals
<b>Reactivity</b>	Reactive; share electrons
<b>Properties</b>	Boiling points and melting points <b>decrease</b> as you move <b>down</b> the group. Densities <b>increase</b> as you move down the group.
<b>State of Matter at Room Temperature</b>	All solid and one gas (O)