

Elements-Nonmetals

- Nonmetals are found to the RIGHT of the **stair step line**
- All nonmetals have certain physical properties
 - **Dull**-The element does not reflect light
 - **Brittle**-The element breaks if you try to change its shape
 - **Poor Conductivity**-Heat and electricity cannot be spread through the element
 - **Gaseous**-Many nonmetals are a gas at room temperature
- Nonmetals tend to form negative (-) ions
- **Families of Nonmetals**
 - **Carbon Family**-The elements in Group 14
 - Elements react like Carbon
 - **Nitrogen Family**-The elements in Group 15
 - Elements react like Nitrogen
 - **Oxygen Family**-The elements in Group 16
 - Elements react like Oxygen
 - **Halogen Family**-The elements in Group 17
 - Elements are VERY reactive
 - **Nobel Gasses**-The elements in Group 18
 - Elements are NOT reactive
 - Form Diatomic Molecules
 - 2 atoms stuck together