

Things the AP Chemistry Students Need To Memorize (a work in progress)

- A metallic oxide that reacts with water will produce a base (hydroxide)
- A nonmetallic oxide that reacts with water will produce an acid
- Sulfuric acid will only lose one hydrogen ion in solution
- Carbonic acid will break into water and carbon dioxide
- Polyprotic acids have more than one ionizable hydrogen
- Ternary acids have three different elements in the structure
- Organic acids have a  $\text{-COOH}$  group