

Acid  $\rightarrow$   $H^+$  ion in water

Base  $\rightarrow$   $OH^-$  ion in water

PH #      1 -      7 -      14  
              $\uparrow$             $\uparrow$             $\uparrow$   
             Strong      Water      strong base  
             Acid

Indicators - indicates Acid/Base  
 usually a color change

Blue - Base  
 Red - Acid

breath  $\rightarrow$  Carbonic Acid       $CO_2 + H_2O$



