Titration and pH Indicator

**pH Indicators: are usually solutions (pH paper can also be used) that will change colors due to the concentration of negative and positive ions.**

**Titration: is the process of carefully keeping track of the quantity of two solutions that are involved in a chemical reaction (usually neutralization).**

**In order to carry out an accurate titration you need to know the exact volumes of the acid and the base in the neutralization reaction.**

 **\*\*If you keep track of the volumes of the acid and the base that it takes to get a neutral pH then you can compare the concentration (also called Molarity) of differently concentrated acids or bases.**