LP Thursday, April 12th and Friday, April 13th, 2018 Acid/Base Lab

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Chemistry Content Standards:

Acids, bases, and salts are three classes of compounds that form ions in water solution.

Standard 5.c: Students know strong acids and bases fully dissociate and weak acids and bases partially dissociate.

Stamp Work:

Trans # 29
SR 19.1
SR 19.2
Practice Problems 19.1 and 19.2

Lab Set:**Up** Give a brief overview of the **Lab #16**, Acid and Bases
Overhead for Indicators
Set up of lab
Testing , collecting data
Write up analysis
Complete the questions for conclusion

Purpose: To make a pH scale by using the data from the experiment. To determine how indicators work.

Materials: List all the solutions, indicators, tray, etc, used in the experiment

Procedure:

1. In a tray place one sample of liquid in a row of three. Remember to rinse out the dropper between each use.

2. Write down the name of each sample on your record sheet.

3. In one tray place two different pieces of litmus paper then record your data.

4. In another, first place a hydrion strip, record your data, then add 2 drops of Bromothymol Blue.

5. In the last well place 2 drops of Phenolphthalein and record your data. (Clear=acid, pink= base.)

6. After every well has been tested, rinse out the tray.

Discussion and Conclusion: Follow questions on lab.

Classwork : Students should:

1. **Complete the lab # 16 testing, collecting data**
2. **LG 19 Acids and Bases**

Homework: None