Acid Bases PhET WebLab for Chromebooks BE SURE TO USE HTML 5 Version
https://phet.colorado.edu/en/simulation/acid-base-solutions Click <**Introduction**> to begin.

Part 1: Procedure

1. The lab has 2 tools that allow you to test for pH values: A probe  , and pH paper  . Use each one by dipping it into the solution to be tested. Try all the given types of solutions and fill in the Data Chart with the pH value 0-14.

2. The circuit with a battery and bulb as shown:  is the tool used to test for conduction of a solution. By dipping the wire leads into the solution, the bulb with either **remain unlit**, be **dimly lit**, be **somewhat bright** or **very bright**. Test each solution and record your observation for the bulbs brightness in the chart below.

Part 1: Data	pH Value from Probe	Color & pH Value from pH Paper	Observations from Circuit Tool Describe the brightness
Water (H_2O) 			
Strong Acid (*HA*) 			
Weak Acid (*A*) 			
Strong Base (*MOH*) 			
Weak Base (*B*)