

### pH Lab

**Introduction:** Chemical reactions in the body can occur only when conditions are right. The pH is a measure of how acidic or basic a solution is. A scale with values ranging from 0 to 14 is used to measure pH. Indicators like pH paper describe the pH of substances.

Define each of the following terms:

Acid –

Base –

SUBSTANCE	COLOR OF pH PAPER	pH #	ACID OR BASE?

#### QUESTIONS:

1. Which substance that you tested was the most acidic?
2. Which substance that you tested was the most basic?
3. What does the term pH mean?
4. Why do household cleaning products have safety warnings on them?

on the back, write your purpose, hypothesis, materials, procedures, results, conclusion (relate to real-life!) + sources of error.