

pH Scale and How it Affects Us!

Lesson Overview

The lack of knowledge surrounding the pH scale, its effects on our bodies, and our watershed are very present in Lidgerwood Public School. After speaking with LPS staff, we found that our watershed is not a topic that gets discussed often.



This is how we chose our 3rd grade class to present our topic to. We believed that being a little older, they would be able to engage in the level of material that we were offering. Through our lesson plan, we were able to use an easy to make interactive board and everyday liquids to demonstrate the different levels of the pH scale. We had 3rd grade students test each liquid with pH strips. We explained what the pH scale was and how different levels affect our bodies. This led to a discussion about our watershed and the

ways to keep the pH in our rivers at a safe level. This included not littering into our streams and rivers, ways to control run-off, and how to properly dispose of household garbage.

Materials

- Interactive Board with pH scale, good and bad elements, and list of products tested
- pH strips
- Products to test
 - Dish soap, lemon juice, soda, river water, tap water, bottled water



