

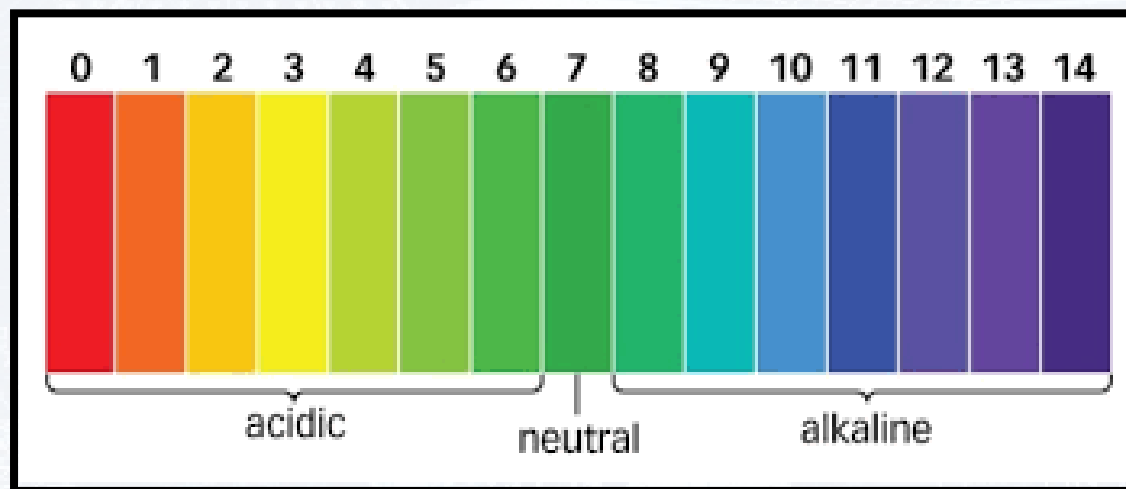
THE PH SCALE

ACIDS AND BASES

Acids are substances that have a sour taste and can turn litmus paper red. They can also react with certain metals to produce hydrogen gas. Examples of acids include lemon juice and vinegar.

Bases are substances that have a bitter taste and can turn litmus paper blue. They feel slippery to the touch and can neutralize acids. Examples of bases include soap and baking soda.

The pH scale is a way to measure how acidic or basic a substance is. Acids are substances that have a pH below 7, while bases have a pH above 7. Pure water has a pH of 7, which is neutral.



We use the pH scale to measure the acidity or basicity of substances because it helps us understand how these substances can affect living things and the environment.

It's important to understand the pH scale and how acids and bases can affect things, because it can help us make better decisions about what we use and how we use it.