

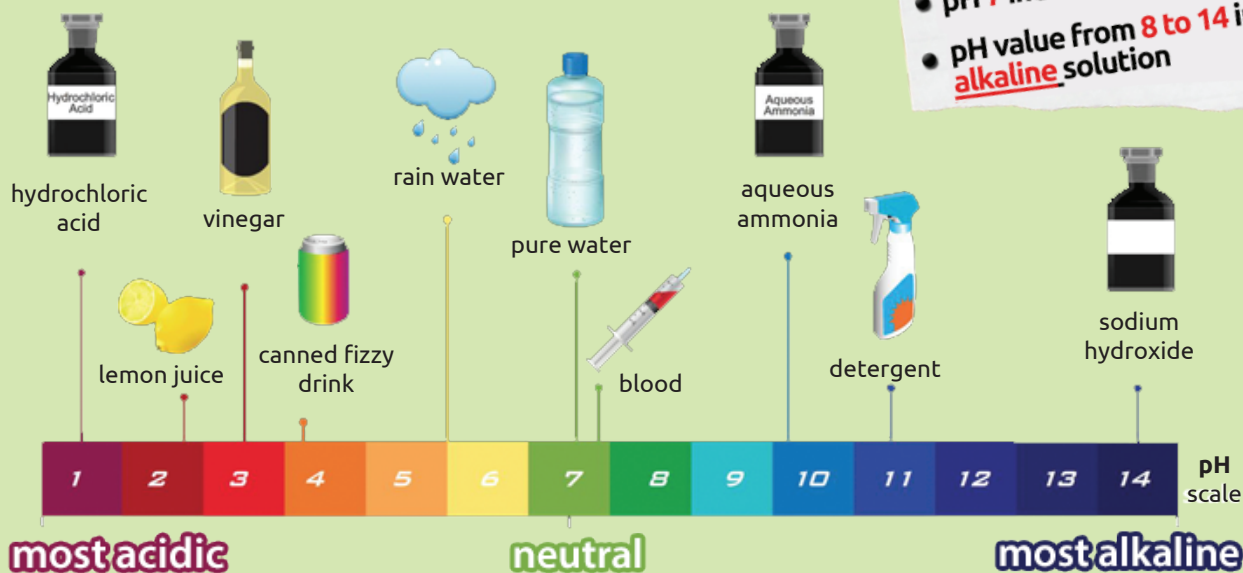
# PROPERTIES OF ACIDS AND ALKALIS



pH is a measurement of how acidic or alkaline a solution is or an indication of how strong or weak the acid or alkali is.

Below are the pH values of some items we encounter in our daily lives

- pH value from **1 to 6** indicates an **acidic** solution
- pH **7** indicates a **neutral** solution
- pH value from **8 to 14** indicates an **alkaline** solution



The lower the pH value in the acidic range, the stronger the acid or the higher the acidity.

The higher the pH value in the alkaline range, the stronger the alkali or the higher the alkalinity.



## Type of Resource:

This reference may be printed and passed out to elementary and middle school students to educate them about acids and alkalis.

The actual courseware/source of this activity is Acids and Alkalis, one among over 25 best-selling offline interactive educational science e-learning coursewares called Science Werkz which won the 2013 EDDIE Award for Science E-Learning Solutions in the Upper Elementary and Middle School Categories.

## How to use this Resource:

We highly suggest that you use this resource if you are a teacher who wants to let your students know more about the measurements of how strong or weak an acid or alkaline be.

Start by having a discussion about their ideas in acids and alkalis. You can then print this quiz to ask the students to answer and see how much they have learned.



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## More Details about the Resource:

**Science Werkz** is a line of award-winning offline interactive educational science solutions that may be accessed on the phones, tablets, or computers of its users.

Consisting of more than 25 best-selling titles that feature informative videos, animated drawings that support learning, checkpoints, main points, concept map, diagrams, summary questions and interactives to encourage critical-thinking, Science Werkz tackles General Science, Chemistry, Earth Science, Life Science/Biology, and Physical Science topics.

Winner of the 2013 EDDIE Award for Science E-Learning Solutions in the Upper Elementary and Middle School categories, the subscription-based science e-learning coursewares may be used by educators for classroom learning or by parents and students for self-paced learning at home.

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