Acids and Bases: The Voyage of the Proton

NameK_G_YPer
https://www.learner.org/series/chemistry-challenges-and-solutions/acids-and-bases-the-voyage-of-the-proton/
While Watching the Video
1. What is a hydronium ion? Is it a proton donor or proton acceptor? H30† proton donor (water who an extra H*) 2. What is a hydroxide ion? Is it a proton donor or proton acceptor? OH- proton acceptor (water whom an H*) 3. What is dissociation? molecule breaking up into ions 4. How can you make a neutral solution?
Combine an acid and a base (produces salt water) 5. What is the definition of a strong acid? What is the definition of a weak acid? Name an example of each. dissociate completely only dissociate strong: HCI (hydrochloric acid a little (partially weak: Vinegar (acutic acid Secondary pollutant formed from release of fossils fulls
After Watching the Video
7. What is an acid? donates substance that games a proton, low pH (less than 7)
9. What is a base? 9. What does the pH scale represent? 9. What does the pH scale represent? 10. What is a buffer? How can a buffer be made?
a solution that resists changes in PH need a weak acid solution 11. Provide some examples of the roles acids and bases play in everyday life.
baking, natural environment (acid rain), our body!