

Acids and Bases

GLE 0807.9.9 Explain the basic difference between acids and bases.

GLE 0807.Inq.5 Communicate scientific understanding using descriptions, explanations, and models.

Indicate whether the following properties belong to an acid or a base. If the property belongs to both acids and bases, put an X in both columns.

Property	Acid	Base
Creates a sour taste in food		
Creates a bitter taste in food		
Changes the color of red litmus to blue		
Changes the color of blue litmus to red		
Can be very corrosive		
Has a pH less than 7		
Has a pH greater than 7		
Helps to digest food in your stomach		
Is a reactant in a neutralization reaction		
Feels slippery		
Can burn skin		
Often found in cleaning solutions		X

Learn more online:

- Interactive experiments, <http://pbskids.org/zoom/games/kitchenchemistry/virtual-start.html>
- Watch a video
 - Go to WatchKnow.org
 - Type in the search box Overview of Acids and Bases
 - Click Search
 - Click on the title Overview of Acids and Bases
 - Click on the play button in the video window
 - Or enter the following address in your web browser
<http://www.kidsknowit.com/interactive-educational-movies/free-online-movies.php?movie=Acids And Bases>