



NATURE AT HOME

We hope to inspire kids of all ages to learn about the natural world and discover new connections to nature.



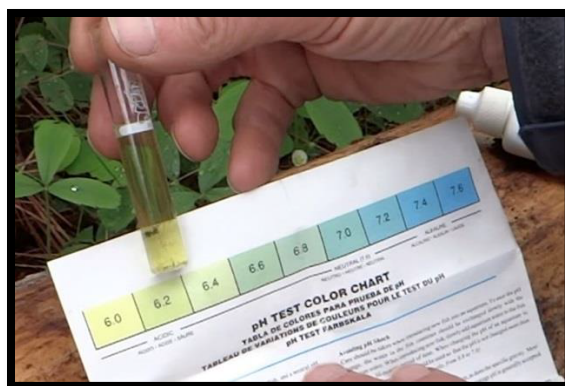
Water Quality: pH

View the video at DishmanHills.org/Nature-At-Home

We are exploring Goldback Springs; one of the few places in the Dishman Hills where there is water all the time. It has wetland vegetation and an area that takes moisture out of the ground where the spring surfaces. We took a sample of water from the area.



We are looking at the **pH** of the water. What does pH mean? It's a measure of how much acid is in the water. The range goes from 0 to 14, with 7 being neutral. We would expect the pH of a natural water area like this to be between 6 and 8. To test, an "indicator" interacts with the water sample causing the water to change color depending on the pH. We then compared the color in the bottle to the pH color chart.



The lower the number, the higher the acidity. This sample shows 6.2. Even though this spring is barely flowing, there is still enough flowing for birds and mammals to get healthy water according to the pH.

If you have any questions, e-mail: Education@DishmanHills.org