

ACIDS AND BASES LAB: CREATE A DIGITAL HOUSEHOLD pH SCALE (minor grade)

YOU WILL CREATE A VIDEO OF YOUR HOUSEHOLD pH SCALE (USE YouTube, TikTok, etc....) Of course, you may upload a GOOGLE slide presentation, but a video is a lot more fun!



INCLUDE THE FOLLOWING FOUR COMPONENTS: (25 points each)

1. Video component #1 or slide #1

Introduce yourself! Include your full name, class period and date. Explain what the pH scale tells us. (25 pts.)

2. Video component #2 or slide #2

a. Gather about 10-14 items within your household to classify as acids or bases. If you do not know if an item is an acid or a base...Google the info!

b. Arrange the items in a single group photo. (25 pts.)

3. Video component #3 or slide #3

Separate your household items into three groups:

group A = acids group B = bases group c = neutral

b. Record the items as classified groups for your video. Discuss three properties of acids and three properties of bases. You can even do a voice over! (25 pts.)

4. Video component #4

a. Research the pH values to label the items with their correct pH. You should not repeat pH values. Only one item per value is needed.

b. Arrange these items according to their pH values, from a pH of 0-14, lowest pH to highest pH. Keep all products inside their containers. (25 pts.)

***See the pH scale above to get an idea of what should be illustrated. Don't forget to have fun!**

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