

Name: \_\_\_\_\_

**Read all directions BEFORE you begin.**

1. Take your test strip and using your pencil or pen, divide it into 5 sections.
2. Label the sections 1 – 5. (See below.) Make sure you are testing the correct number solution. Stir the baking soda and borax solutions before testing. Use a separate cotton swab to place a drop of each solution on the strip for each test.

**MATERIALS:**

Indicator paper test strip  
goldenrod paper strips  
pH paper strip  
pH color chart  
5 beakers of solutions labelled 1 – 5.  
cotton swabs  
paper toweling  
safety glasses

3. Test with the golden rod paper strips next. Indicate if there is a color change or not.
4. Tear your pH paper into 5 pieces. Test each solution again with a piece of pH paper. Use the indicator chart to find the pH number.

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
----------	----------	----------	----------	----------

	<b>Solution</b>	<b>Indicator paper color</b>	<b>Goldenrod paper</b>	<b>pH paper number</b>	<b>Acid or base?</b>
1.	Lemon juice				
2.	Baking soda solution				
3.	Liquid soap (dilute)				
4.	Carbonated soda				
5.	Borax solution				

5. When you have completed testing and filling out your chart, turn in your sheet and ask for the “painting” card. Keep your test strip to use as a ‘palette’. You may choose to “color the Easter egg” or use the other side to paint whatever you like. Do NOT go overboard and get the paper soaked. Make sure you write your name on the side you aren’t painting before you begin!!

**NOTE:** Be sure to keep the cotton swabs separated for each solution. Cross-contamination will ruin your tests.