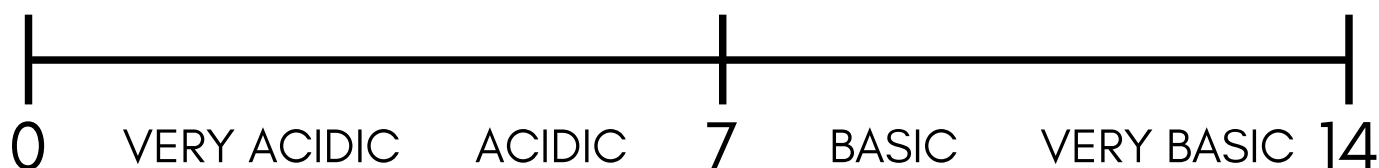


# INVISIBLE INK ACTIVITY

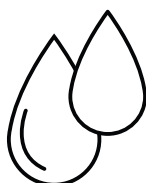
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## Vocabulary:

**pH:** A measurement showing how acidic or basic a solution is based on a scale from 0 to 14 with neutral (neither acidic or basic) being 7.



BATTERY ACID



WATER



BLEACH

**Acidic:** A solution that measures between 0 and 6 on the pH scale. Acidic solutions are things like vinegar, lemon juice or battery acid.

**Basic:** A solution that measures between 8 and 14 on the pH scale. Basic solutions are things like soapy water or bleach.

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## Application:

*Circle the word that makes the sentence correct.*

- Baking Soda has a pH of 9 meaning it is an ACID/ BASE.**
- Grape Juice has a pH of 4 meaning it is an ACID/ BASE.**

*Making invisible ink with baking soda & grape juice is a chemical reaction! When the acid mixes with the base, it reacts making it appear as a different color so you can see your message! Now, try sending a secret message to a friend.*