**Activity #3**

**Name:**

**High School:**

**HSTA Teacher:**

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| **Test Type** | **Color** | **Measurement ppm** |
| **pH** |  |  |

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| **Test Type** | **Measurement JTU** |
| **Turbidity** |  |

**When determining pH, you are measuring:**

1. The relative amount of free hydrogen ions there are in the water
2. The total dissolved solids in the water
3. The ability of water to transmit an electrical current

 **Logarithmic scale- Between pH 5 and 6, there is a \_\_\_ change in acidity.**

1. 2 x
2. 10 x
3. 100 x
4. 1000 x

**Which of the following pH values has greater acidity?**

1. pH 4
2. pH 7
3. pH 9