**Activity #2**

**Name:**

**High School:**

**HSTA Teacher:**

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| **Test Type** | **Color** | **Measurement ppm** |
| **Dissolved Oxygen** |  |  |
| **BOD** |  |  |

1. True or False: The dissolved oxygen measurement measures oxygen found in the water molecule.
2. True or False: All other things being equal, colder water can dissolve more oxygen than warmer water.
3. Which of the following is a way that oxygen can be added to an aquatic system?
4. By plants during photosynthesis.
5. Through diffusion from the atmosphere.
6. By aeration, which is the mixing of water by air, through things like waves and waterfalls.
7. A and B only
8. A, B, and C
9. When is water considered to be hypoxic? Hypoxia is a condition where there is:
10. Less than 2 ppm of dissolved oxygen in the water
11. When there is no dissolved oxygen in the water
12. When there is too much dissolved oxygen in the water