



Directions: Use these guiding questions to follow along while viewing *A Fish Tale* presentation

Name: _____ Class Period: _____ Date: _____

1. The oxygen content of the air we breathe is **21%**.
2. In an aquatic environment the oxygen content is constantly **changing**.
3. Algae, bacteria, fish and aquatic plants are dependent on **dissolved oxygen** for survival.
4. The **temperatures** in Florida's lakes are usually warm because of our sub-tropical climate.
5. When aquatic organisms remove oxygen from the water and release carbon dioxide, it is known as **respiration**.
6. Plants, algae and some bacteria make their own food using a chemical process known as **photosynthesis**; the byproduct is **oxygen**.
7. If photosynthesis **exceeds** respiration, dissolved oxygen levels **increase** in water.
8. Lakes that have lots of plants and algae can have oxygen problems because of **decomposition**.
9. Wave and wind action on a waterbody can enhance the **diffusion** of oxygen from the air into water.
10. When dissolved oxygen levels get too low a **fish kill** can occur.

Standards

****Suggested state standards that pertain to this activity are included in the *Silent Invaders* Audio-Visual Presentation Teacher Guide****

