Lake Champlain Live! UVM Watershed Alliance
Pre/Post Assessment Introductory

School: ___________________________ Grade: ________________ Date:__________

1. What is the definition of a watershed: (Choose one.)
   a. A river that flows into an ocean.
   b. A building where water is filtered.
   c. An area of land that catches precipitation that drains into a common body of
      water.
   d. A peninsula of land that filters a body of water.

2. The Lake Champlain Basin is made up of parts of the following: (Choose one.)
   a. Vermont
   b. Vermont and New York
   c. Vermont, New York, and Ontario
   d. Vermont, New York, and Quebec

3. What direction does Lake Champlain flow? __________________________

4. What is the name of the microscopic plants that are primary producers and form
   the foundation of Lake Champlain's food web? __________________________

5. List two opportunistic species found in Lake Champlain:_______ _________

6. On the graph below:
   - Draw oxygen (O2) bubbles where you think the most oxygen is in the lake
   - Draw fish where you think they would find the most food
   - Shade in where you think it’s the darkest in the lake

![Graph of Lake Champlain with labels](image-url)
7. Put these steps of the **Scientific Method** in the correct order (Use numbers 1-6):

   ____ Make a **Hypothesis**

   ____ **Analyze** your Data

   ____ Ask a **Question**

   ____ Report your **Results**

   ____ **Test** your Hypothesis

   ____ Do Background **Research**

8. Explain your favorite activity on Lake Champlain, either in writing or drawing: