Circle one: Is this your Pre or Post Program Assessment?

1. What is a watershed? **Circle ONE answer:**
   A. An area of land that catches rain water and drains it into a body of water
   B. Another name for water deposits underground
   C. A body of water that is larger than a pond but smaller than a lake

   **Points: 1**

2. **Fill in the blanks:** During a heavy rainstorm, fertilizers, animal waste, and sediment from land use get washed into waterbodies. An element found in these inputs, called **phosphorous**, is considered a pollutant when in high quantities because it is a nutrient for algae in the water. When algae grow quickly and in large amounts, it is considered an **algal bloom**.

   **Points: Each correct answer represents 1 pt. Total Points: 2**

3. In the Lake Champlain food web, floating microscopic plant organisms called **phytoplankton** are primary producers. Primary producers convert sunlight into energy making them the first organisms to provide “food” to the food web. In the image below, **circle a primary consumer and circle the decomposer**.


   **Points: Each correct answer represents 1 pt. Total Points: 2**
4. If *phytoplankton* are floating microscopic plant organisms in the water, what are *zooplankton*?

   Zooplankton are floating microscopic animal organisms in water

   **Points:** 1

5. _____________ is a process where sunlight is converted into energy by plants. **Circle ONE answer:**
   A. Photosynthesis
   B. Oxidation
   C. Production
   D. Conversion

   **Points:** 1

6. **List 2** Best Management Practices (BMPs) that you can do in order to reduce the amount of pollutants entering Lake Champlain:

   Answers can vary. Ideally, students will demonstrate their understanding of the Best Management Practices as actions they can take as environmental stewards to reduce the negative impacts on our watershed. Points earned for any BMP’s that positively effect the watershed or prevent negative inputs (any versions of these answers earn points)

   **Points:** Vary depending on answer. Possible **Points:** 2

7. **List 1** non-native species living in Lake Champlain:

   A. Answers can vary. Species include: Alewife (fish), Asian Carp (fish), Asian Clam, Zebra Mussels, Eurasian Milfoil (aquatic plant), Purple Loosestrife (perennial plant that grows on shorelines), Rusty Crayfish, Rock Snot (algae), etc

   **Points:** Vary depending on answer. Possible **Points:** 1