

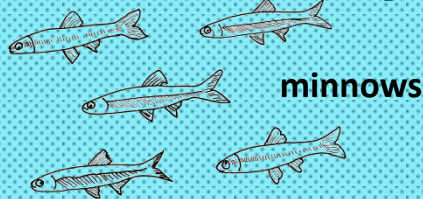
Part 2: Student Experience 5 Drawing

Decomposers (in this case, bacteria) consume the dead algae. They use oxygen in the process. Because there is a lot of dead algae, decomposers use a lot of the pond's oxygen.

Because algae already have plenty of air, water, and sunlight, the nutrients from fertilizer allow them to grow very quickly. There is now much more algae in the pond.

Fertilizer from farmer's fields

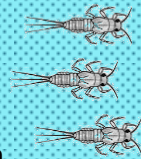
Fertilizer from farmer's fields



minnows

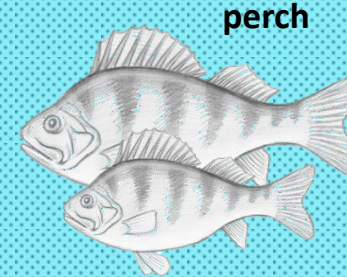
Algae growth causes the water to become cloudy and blocks sunlight to plants.

mayfly larvae



underwater plants

Without enough sunlight, the plants cannot make food and begin, so they produce less oxygen.



perch



This drawing should include decomposers (bacteria) and their role in the pond.