

## Lesson Four

### Microorganisms—Bacteria III

- Standard 5:** Students will understand that microorganisms range from simple to complex, are found almost everywhere, and are both helpful and harmful.
- Objective 1:** Observe and summarize information about microorganisms.
- Indicator a:** Examine and illustrate size, shape, and structure of organisms found in an environment such as pond water.
- Indicator b:** Compare characteristics common in observed organisms (e.g. color, movement, appendages, shape and infer their function (e.g., green color found in organisms that are producers, appendage help movement).
- Indicator c:** Research and report on a microorganism's requirements (i.e. food, water, air, waste disposal, temperature of environment, reproduction.)

#### Procedure

1. Watch the video by Schlesinger called *Bacteria*.
  - a. Stop the video in places where there can be a place for discussion.
  - b. Have the students take notes about the video.
  - c. Discuss what they learned about bacteria.