

# Sunshine in our lives

## AQUA TIMES Field Guide

### Materials Checklist:

- 2 Glass Containers (should hold 1 liter)
- 2 liters Pond Water \* (containing organisms and algae)
- Aluminum Foil
- This Data sheet
- Microscope or hand lens (optional)

\* Be sure to get permission to collect pond water!



Step 1



Step 2

### PROCEDURE

1. **Pour** equal amounts of pond water into your two glass containers.
2. **Observe** and **examine** pond water.
3. **Write** your observations on your field guide.

First observations of pond water (observe and record color, odor algae etc).

**Wrap** one jar in aluminum foil so that it receives **no light**.

**Place** the other jar where it will **receive light** but not too much direct sunlight.

**WAIT** for 6 - 7 days to allow the sunlight (or lack thereof) to do it's work.

**When** 6 - 7 have gone by, remove the aluminum foil place both containers side by side.

**Write** your next observations on your field guide (below) and compare them before answering the questions on the next page of your field guide.

Observations of pond water after 6 or 7 days  
(record your observations of color, odor, algae etc).