

# We All Need Water

## Activity

### Background

All living things - plants or animals - need water to live. All organisms need to take in fresh water to replace metabolic losses and maintain life processes. Apart from this, some organisms may need water for living in; still others might not be able to breed except in water. Though the amount of water required and the tolerance to the lack of water are different for different organisms, none can do entirely without water.

### Objective

To make students aware of the dependency of several organisms on a single source of water.

### Place

Outdoors

### Group size

Individual/ group

### Duration

Half a day for field visit and 30 min for classroom discussion

### Suitable time

Preferably mornings

### Materials

Observation sheet, notebook, pen/ pencil

### Methodology

- Identify a common source of water (small pond, tank or public water tap) near the school. Take the students to the site.
- Alternatively, students could be asked to do this activity in pairs at their individual level and the findings should be presented to the class.
- Ask the students to make a note of the various activities such as bathing, washing, drinking, etc being carried out at the site.
- Care should also be taken to observe activities of other species of plants and animals - animals, birds, fish, insects, etc using water from the source.
- Students should make a detailed list of the different ways in which water is used. A sample observation sheet is provided below.

### Curricular Linkages

#### Subject

Science, Social Science

#### Concept

Ecosystems, interactions between components of the environment

Activity Site: Observation Sheet

Time	Who used	For what	Remarks
6. 30 a.m.	7 women	Filling water pots	The water would need to be filtered before drinking
7.00 a.m.	5 Buffaloes	Cooling	
7.30 a.m.	2 children	Defecation	

