

## **Recommended Reading**

All the Water in the World by George Ella Lyon and Katherine Tillatson

Water by Frank Asch

If We Could See the Air by David Suzuki

How Does The Wind Walk by Nancy White Corkstrom

This is Rain by Lola M. Schaefer

Where Does the Wind Blow by Cindy Rink

The Snowflake – A Water Cycle Story by Neil Waldman

## **Pre Visit Activities**

- a community/playground walk looking for evidence of air and water in the local environment
- begin a Know, Wonder, Learn (KWL) chart to bring with you to Forest Valley
- reading books related to air and water in the environment
- explore, investigate, talk about the water cycle

## **Post Visit Activities**

- Make a rain gauge to install outside your classroom for collecting data on local rainfall and recording data in non-standard and standard units of measurement.
- Make a water wheel or a pinwheel to observe how the energy from moving water and air can be used to do work, turning the wheel.
- Create a list of the living things you saw at Forest Valley. Create a separate list of the sources of water you noticed (dew, river, puddles etc.). Match the living things to the source of water in the habitat that they would be most likely to use.
- Pot up plants with your class. Create a plant care schedule. Investigate what happens to the water that is given to the plants. Do experiments using the plants to observe transpiration (bag over leaves), what happens when you give too much or too little water.

- Experiment: place a leaf in boiling water and observe what happens. Students should see bubbles forming on the bottom surface of the leaf. The air is escaping into the water through breathing holes in the leaf. Inquire as a class how different living things take in air or breath (plants, amphibians, insects, mammals etc.)
- Create a seasons pie chart. Explore your schoolyard throughout the seasons and record what is happening with air and water in the natural environment throughout the seasonal changes.