

Lesson 2

Skills:

- ❖ Understand nonverbal communication.
- ❖ Use word recognition skills and strategies to read and learn new information.
- ❖ Read with increased expression and fluency.
- ❖ Discover how water pressure affects the flow of water.
- ❖ Learn about China.
- ❖ Learn and use basic sign language.
- ❖ Recognize fractional parts of a given whole.
- ❖ Add and subtract money using a decimal to represent the monetary values.
- ❖ Use the scientific method.

Materials:

- ❖ Half gallon paper milk carton (empty and washed out)
- ❖ Gallon of water
- ❖ Awl or large nail
- ❖ Masking tape
- ❖ Ruler
- ❖ Permanent marker
- ❖ Graham crackers
- ❖ Index cards
- ❖ Pattern blocks
- ❖ *The Story about Ping*, by Marjorie Flack
- ❖ *Flat Stanley's Worldwide Adventures, The Flying Chinese Wonders*, by Josh Greenhut
- ❖ Worksheets 1, 2, 2a

Calendar:

- ❖ Continue routine activities.
- ❖ Say, "Martin's birthday is in March. How many more months until his birthday?"
- ❖ Read *The Flying Chinese Wonders*, chapters 3-4.

Language Arts/Science:

- ❖ Use the scientific method to discover why hydroelectric power stations are built at the base of dams.
 - Ask a question: Do you think water will flow faster from the top or the bottom of a container?
 - Form a hypothesis, or prediction: Water will flow faster from the top/bottom of a container.
 - Experiment: Test your hypothesis.
 - ✦ Cut off the top of the milk carton.
 - ✦ Measure up one-half inch from the bottom of the milk carton. Use the awl or large nail to punch a single hole in the center of the side of the carton.
 - ✦ Measure up one inch from the bottom, and punch another hole in the center.
 - ✦ Measure up two inches from the bottom, and punch a third hole directly above the other two holes.
 - ✦ Measure up four inches from the bottom, and punch a final hole in the center of the side.
 - ✦ NOTE: All holes should be the same size.
 - ✦ Take a long piece of tape and cover the four holes.
 - ✦ Put the carton on the edge of the sink with the holes pointing toward the sink.
 - ✦ Mark a line on the carton near the top. Fill the milk carton with water to that line.
 - ✦ Quickly remove the tape that's covering all the four holes. Watch what happens. Observe how far the water streams from each hole.