

Objective

Explore the concept of height using nonstandard units.

Skills

- Measurement
- Counting
- Estimation

NCTM Expectations**Measurement**

- Recognize the attributes of length, volume, weight, area, and time.
- Understand how to measure using nonstandard and standard units.
- Measure with multiple copies of units of the same size, such as paper clips laid end to end.

Measurement

Nonstandard Measurement of Height

Children may be familiar with height. They may have been measuring their growth on a wall at home, comparing their height to that of a family member, or waiting to be tall enough for a certain activity. In this lesson, children will learn to measure height in nonstandard units, which lays a foundation for later being able to use more abstract standard units of measure, such as inches and feet.

Try It! Perform the Try It! activity on the next page.

Talk About It

Discuss the Try It! activity.

- **Ask:** *What are some things that people measure for height?* Help children think of objects, such as buildings, trees, and so on.
- **Say:** *Explain how you find out how tall something is by using Link 'N' Learn® Links.*

Solve It

With children, reread the problem. Have children draw a picture showing how Jordan could measure the height of the jar with Links.

More Ideas

For other ways to teach about nonstandard measurements of height—

- Have children work in pairs. Each child will trace his or her partner on a large piece of paper. Then children will attach their outlines to the wall and measure the height using Link 'N' Learn Links.
- Have children work in pairs to play a guessing game. Children choose a classroom object and each child guesses the object's height in Link 'N' Learn Links (or Snap Cubes®). Then children measure the object's height with Links (or Cubes) to see whose guess was closest.

Standardized Practice

Have children try the following problem.

How many Links tall is the milk carton?

