SCHOOL-to-HOME CONNECTIONS

Chapter 9

Length and Weight

Dear Family,

In this chapter, your child will measure lengths and weights. Skills your child will practice include:

- comparing lengths
- measuring lengths using non-standard and standard units
- comparing weights
- measuring weights using non-standard and standard units

Math Practice

At the end of this chapter, you may want to carry out these activities with your child. These activities will help to strengthen your child's understanding of length and weight. You will use **non-standard units** of measurement, such as everyday objects.

Activity 1

- Gather paper clips or straws to help your child practice measuring and comparing lengths using non-standard units.
- Gather 3 similar objects to measure, such as cereal boxes of different sizes.
- Have your child use the units you choose to measure the length and height of the boxes and order them first by length, and then by height.

Math Talk

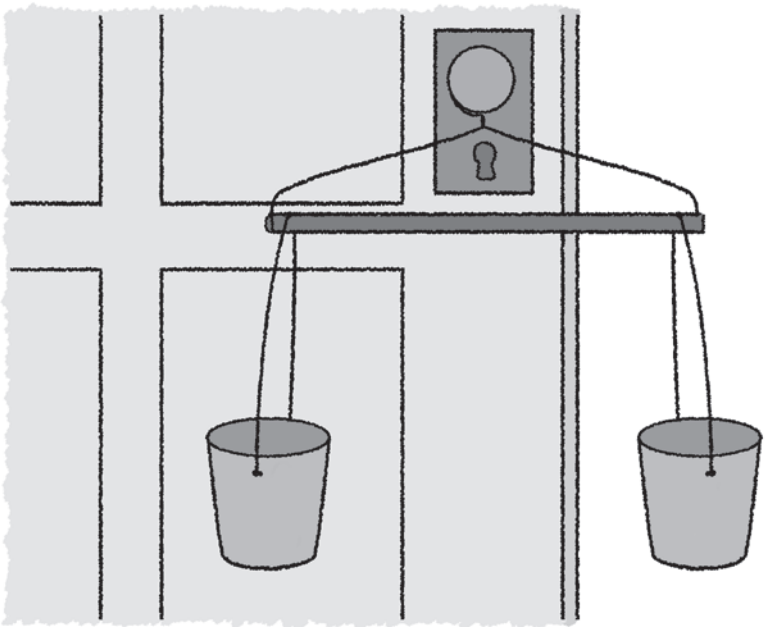
Look for objects in your home that you can use to engage your child in a discussion of **length**, or the distance from one end of an object to the other end, and **weight**, or how heavy or light an object is. Use the words **tall, taller, tallest, short, shorter, shortest, long, longer,** and **longest** in your discussion, as well as **light, lighter, lightest, heavy, heavier,** and **heaviest**.

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Activity 2

- Gather a coat hanger, 2 identical plastic cups, 2 equal lengths of string, tape, a pencil, and a heavy book to make a balance.
- Punch holes on opposite sides of each cup and use string to make a handle. Loop the cup handles over opposite ends of the coat hanger and secure them tightly.
- Hang the coat hanger over a doorknob.
- Choose some objects to weigh.
- Have your child predict and then test which objects are lighter or heavier.



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