



The Elf on the Shelf[®]

TEACHER RESOURCE CENTER

Second Grade

Measuring with The Elf on the Shelf[®].

CC Standard: Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks and measuring tapes. Estimate lengths using units of inches, feet, centimeters and meters.

Materials:

- The Elf on the Shelf[®] scout elf
- Ruler (one for each student or group and one for the teacher)
- Yardstick
- White string, yarn or streamers (one very long piece and a few shorter pieces)
- Classroom measurement worksheet (page 2)

Lesson:

While students are away or before they enter the classroom, use one long piece of yarn to decorate the classroom by stringing it all over the room (this activity is best if the string can hang high). When you are done, lay one end of the string on the scout elf's hand or ankle.

When the students enter, tell them to be very careful. Then tell the students, "The scout elf flew all over the room while you were gone and left this string because he/she wanted to know how far he/she had flown while you were gone." Begin the lesson by introducing a ruler. Explain how it measures in inches and then 12 of these little inches = one foot. Then show the children the yardstick, and explain how it measures in inches, as well and that 3 feet (or 3 rulers) equals 36 inches.

Show the students how to measure string by using a few smaller pieces. For ease, be sure the strings have been cut to equal whole number inch measurements. Now, let the students guess aloud:

- How long do you think the scout elf's string is in yards?
- How long do you think the scout elf's string is in feet?
- How long do you think the scout elf's string is in inches?

Record their guesses/estimates on the board.

Now it's time to see just how far the scout elf flew around your classroom. As a class, take the string and measure just how far the scout elf flew. Use the worksheet to record your findings in inches, feet and yards. Who was the closest? Did anyone estimate correctly?

Activity/Follow up:

Complete The Elf on the Shelf[®] measurement worksheet on page 2.

Second Grade

Measuring distances using inches and feet.



Name: _____ Date: _____ Class: _____

The scout elf wants to know how far it flew around the room. Record the measurements with your class in the space provided.

1. How long is the scout elf's string in yards? _____

2. How long is the scout elf's string in feet? _____

3. How long is the scout elf's string in inches? _____

Using a ruler, measure the objects below and write their measurements in the blanks. Round up to the nearest inch!






