

Using Nature to Meet Educational Standards

MATH **Fourth Grade**

Activity #1:

Materials: tape measures, piece of paper, pencil/pen

Head outside to the outdoor classroom or school grounds. Before you begin, choose two objects in the outdoor classroom (bridge and arbor, hay bail and weather station, fence and arbor). Estimate the distance between the two objects using feet as your measurement.

Use the tape measure to determine the actual distance between the two objects. Was your estimate correct? Record the actual distance on a piece of paper.

Now, choose two more objects. Again, estimate the distance between the two objects. Use the tape measure to determine the distance between the two objects. Was your estimate correct? Record the actual distance on one piece of paper.

Back in the classroom, convert your measurements in feet to inches, to centimeters, and to meters.