



This is a measuring activity you can make for your class. You can set it up however you want. You can show your friends how to do it!

MATERIALS:

- Measuring device
- Objects to measure
- 3 large yarn loops
- 3 labels: "longer than," "same length as," and "shorter than"

In this activity, you will be directing your friends on a measurement hunt. They will be using the measuring device you have made to compare and measure objects in the classroom.

Part A:

1. Choose an object you can use as a measuring device. It should be between five and ten inches long.
2. Trace it on a sheet of paper. Have an adult make copies for your class.
3. Gather about five things you can find in a classroom.
4. Show your friends the measuring device you have made. Ask them to predict which of the items you gathered are the same length as your model.

Part B:

1. Show how to use your model to measure things. Use the yarn loops to classify the items according to the results of measuring: longer than, same length as, shorter than. Put the objects inside the loops. Put the labels by the items they describe.
2. Give each person a copy of your model. Have them go around the classroom and find two objects. The objects can be the same length, longer, or shorter than the measuring device. Compare the items to the measuring device. Have their owners place the objects in the matching yarn loop.
3. Continue the sorting activity until each person has had a turn placing an object in a yarn loop.

Part C:

Make up some of your own activities that are a little harder!

Example: How many of your measuring devices would fit on a yardstick? How many would fit across the classroom?

Write a report on this activity that answers these questions.

1. Do you know the math symbols you can write for "same as," "longer than," and "shorter than"?
2. How do you think this activity compares with measuring things with a 12-inch ruler?
3. What is the same about it?
4. What is different?

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