



# Backpack-tivity:

## An @Home Learning Activity

### Let It Rain!

**Introduction:**

As you complete this activity, you will learn how to make a rain gauge.

**Materials:**

You'll need a glass beaker (or any straight-sided glass), a coat hanger or wire, a hammer and nails, a pen or pencil, and this paper.

**Directions:**

Make a rain gauge: If you're not using a marked beaker, use masking or duct tape to mark ¼ inch increments on a straight-sided glass. Bend a hanger or wire to make a holding rack for the glass. (See picture at <http://www.fi.edu/weather/todo/r-gauge.html> if you're not sure how to do that.) Use a hammer and nails to attach the holding rack to a fence or post. Be careful not to place the gauge under a tree, roof, or other obstruction that might cause a false reading. Insert the glass into the rack. Every day for a week, measure the amount of precipitation in your glass and record the readings on the back of this paper. (Don't forget to empty the glass every day!)

**Talk About It:**

How much precipitation fell during the week? What was the average daily precipitation? Write your answers on the lines below.

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**Learn More:**

Go to <http://www.fi.edu/weather/todo/todo.html> to learn how to Make Your Own Weather Station.

This activity was completed by \_\_\_\_\_ and \_\_\_\_\_.