

# Measuring Game Activity

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Use this handout at the beginning of the year to teach, refresh or reinforce instruction for:

- Accurate measuring
- Kitchen equivalents
- Unit conversions

## Supplies:

For each group:

- $\frac{1}{2}$  teaspoon measure only
- Container, large – filled with water
- Cups, clear – (5)
- Napkins

## Steps:

1. Before class begins, distribute the supplies at each group table.
2. Write the following measurements on the board:
  - 1 T
  - 1 ounce
  - $\frac{1}{4}$  cup
  - 4 ounces
  - 1 cup
3. Instruct the students to sit with their lab group. Explain that they will have ONE MINUTE as a group (or more time if you see fit) to use only the items on their table to provide the measurements listed on the board. Use a stopwatch and record the time each group finishes.
4. This activity will reward those that make the connection between the relationships of the measurements. Essentially the fastest way to measure these volumes will be to measure out the 1 ounce measurement by measuring out 6 scoops of water with the  $\frac{1}{2}$  teaspoon measure (six  $\frac{1}{2}$  teaspoons = 3 teaspoons = 1 Tablespoon). After having measured one teaspoon, the students could make each cup appear to hold twice the amount as the cup before it. This will be a fun, challenging activity that will help your students to make the connection between related measurements.
5. Optional: You may write on the board - "HINT: 3 t = 1T" or something similar to get them started.
6. Have FUN!

Note: Make sure you give them appropriately sized cups to measure in so that they can "eyeball" and double the liquid in each cup. Ideally the container that you provide their water in and their cups to measure in should be free of measuring lines and capacity measures.