

COOKIE MEASURING EXPERIMENTS

MEASURE SMALLER TO LARGER



Measure how many $\frac{1}{3}$ cup measures of flour it takes to fill up a 1-cup measuring cup.

How many teaspoons of water does it take to fill up a Tablespoon? How many Tablespoons to fill up $\frac{1}{4}$ cup?

What other things can you measure with your measuring cups and measuring spoons? Sand? Rice? Water in the bathtub?

MEASURE TEMPERATURE

When you heat up the oven, what does 375 degrees mean? Using a thermometer (or your fingers if you don't have a thermometer), measure the temperature of different things like ice, a cracked egg, a warm cookie, or a glass of milk.

Check the temperature of some chocolate chips and see what happens when you heat them up by holding them in your hands.



MEASURE TIME



How much time does it take to bake a cookie? What happens if you take a cookie out of the oven 2 minutes early?

What happens if you leave just one cookie in for 2 minutes longer than the recipe says? 5 minutes longer than the recipe says?

MEASURE WEIGHT

If you have a kitchen scale, try measuring the weight of one cookie. How much do four cookies weigh?

You can do the same with a bathroom scale. Measure how much you weigh before eating a cookie and drinking a glass of milk, and then weigh yourself again after.



MEASURE HEIGHT AND LENGTH

How tall is one cookie? How tall are 6 cookies? How many cookies tall is an egg carton or your salt shaker? How many cookies tall are you?

How many egg cartons wide is your kitchen counter? How many cookies would you have to put side by side to stretch across your kitchen table?

