

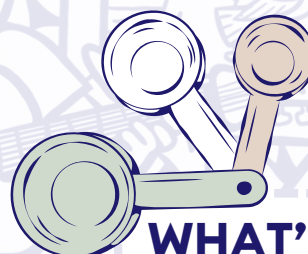
Kitchen Science

WHAT YOU NEED:

- A variety of measuring cups
- A variety of measuring spoons
- Bowl
- Water

HOW TO:

1. Fill your bowl with water.
2. Set your 1 cup measuring cup in front of you.
3. Starting with your $\frac{1}{3}$ cup if you have one, predict how many $\frac{1}{3}$ cups of water will be needed to fill up the 1 cup.
4. Try filling your $\frac{1}{3}$ cup to the top with water and pour the water into the 1 cup. How many $\frac{1}{3}$ cups did you need to fill up 1 cup?
5. Repeat this experiment with other sized measuring cups.
6. Next try repeating the experiment using the measuring spoons.
7. If you can, try helping out an adult the next time they are baking or cooking. Can you figure out what measuring cups or spoons you will need to make the recipe?

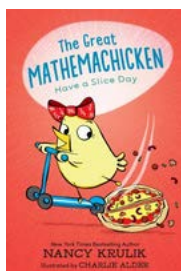


WHAT'S HAPPENING?

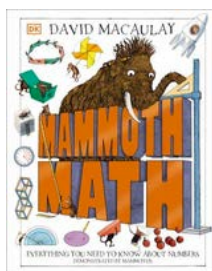
Measuring cups and spoons give a real world experience of fractions. The kitchen is a great place to grow and develop mathematical understanding. Fractions and ratios are powerful tools for cooks! Understanding accuracy and precision helps a cook create dishes that taste just right.



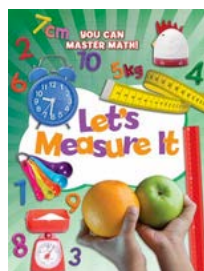
Related Books:



The Great Mathemachicken: Have a Slice Day
by Nancy Krulik



Mammoth Math
by David Macaulay



Let's Measure It
by Mike Askew



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