

1116-VQ-1471      **Skona Brittain\*** ([skona@sbfamilyschool.com](mailto:skona@sbfamilyschool.com)). *A Recipe to Infinity*.

I discovered this activity in the kitchen while homeschooling my own kids but I have since used it in the classroom with pre-calculus students and math circles. It's very appropriate for both non-majors and freshman survey classes.

Dividing recipes in half offers the opportunity for practicing trivial fraction arithmetic, of course. However, needing to make a third of a recipe, with teaspoons that only come in size  $1/2^n$  (we have them for 7 values of  $n!$ ), leads very naturally to the discovery of infinite series.

Math that is tangible, motivated, and related to food is particularly appetizing for the targeted students. (Received September 22, 2015)