

Learning ZoneXpress

Math in Foods? Yes – and Everywhere Else Too

When a student asks, “When am I ever going to use this stuff?”, [Learning ZoneXpress](#) responds, “Right now – in your kitchen, your closet, your grocery store, and your local home improvement store.”

Consider its [Math in Foods curriculum](#), available since 2009. In order to solve problems associated with menu planning, cooking, and even grocery shopping, students have to master ratios, measurements, fractions, graphs, and probability. Along the way, they get repeated practice in math basics: addition, subtraction, multiplication, division, and logical reasoning.

Students using Learning ZoneXpress’ [Math in Design curriculum](#) get similar benefits along with abundant geometry practice. Some sample questions: How many gallons of paint do you need to buy to paint your bedroom? What is the cost of fabric and notions for the shirt you want to sew? How much money is needed to cover six 3’ x 5’ windows if the curtain fabric is \$16.95/yard?

“Our administrators, school boards, parents, and job markets are demanding that students master mathematics and integrative thinking,” says [Debbie Larson](#), 2011 Minnesota Family and Consumer Sciences (FACS) Teacher of the Year and developer of *Math in Foods* and *Math in Design*. **“We need to change our way of teaching to incorporate science, technology, engineering and math (STEM), as well as technical reading skills using the correct terminology and concepts.** These books came directly out of the need for rigorous mathematics in my FACS classroom as well as the nationwide emphasis on STEM skills.”



[Math Activities in Nutrition](#), the third book in Learning ZoneXpress’ mathematics series, contains over 150 pages of problems on percentages, estimation, conversions, formulas, and a dozen other core math skills.

The materials in the mathematics series from [Learning ZoneXpress](http://www.learningzonepress.com) were developed in accordance with NCTM Principles and Standards and the National Standards for FACS Education, so they can be used in both FACS and math classrooms. They are organized topically in three-ring format, so teachers can use chapters and worksheets in any order and as supplements to other curricula.

Learning ZoneXpress is a Minnesota-based company that works with experts throughout the country to develop exciting products aimed at nutrition and wellness education.

