

# Dimensions Math

## Pre-Kindergarten Letter Home #1

Chapter 1 Matching, Sorting, Classifying

Dimensions Math  
Letters Home

### Math is Fun!

This year we'll learn math in a fun, hands-on way. At the beginning of each chapter, I'll send home a newsletter telling you what your child will be doing in class, and how you can help at home.

We're living in a very exciting time in education. Brain science is providing evidence of what works (and what doesn't) in preparing children for ongoing math success. We've learned that younger children are ready for more math than previously assumed. Researchers from Northwestern University reported that math skills demonstrated in kindergarten predicted ongoing academic achievement in reading to a greater extent than did reading skills demonstrated in kindergarten.<sup>1</sup>

Dimensions Math, the math textbook series we're using, introduces math topics in the speech bubbles of children. Dimensions Math contains five children characters: Emma, Dion, Sofia, Alex, and Mei. Each character has favorite colors and activities. Be sure to ask your child if they learned anything new about one of the characters each week.

During the first few days of this chapter, your child will be reviewing the colors red, blue, yellow and green. Next, your child will be exploring and describing textures. We'll focus on objects that are soft, hard, rough, bumpy, sticky, and grainy. Following that, your child will be feeling and looking at objects and pictures in order to describe what is the same and what is different about them, including size.

Throughout the chapter your child will be matching, sorting, and classifying.

### What can we do at home?

- Remember that children learn best through play, and that math is fun.
- Have your child show you objects and pictures of different shades of red, blue, yellow, and green.
- Ask your child to sort laundry, then tell you the reason for their sort.
- Read *Sorting at the Market (Math Around Us)* by Tracey Steffora to your child. When you take your child to the grocery store, talk about the book and how the produce is sorted in the store.

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<sup>1</sup>Duncan, Greg J., et al. "School Readiness and Later Achievement." *Developmental Psychology*, vol. 43, no. 6, 2007, pp. 1428-1446.

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## Vocabulary & Mathematical Terms

- Same
- Alike
- Not the same
- Different
- Red
- Blue
- Yellow
- Green
- Orange
- Sort
- Match
- Smooth
- Rough
- Bumpy
- Sticky
- Grainy
- Big
- Little
- Small
- Large
- Size