

Math is Fun!

Brain science tells us that the long-held belief that humans are either born with or without a “magic math gene” is simply a myth. All the evidence indicates that any of us are capable of learning math. What’s far more important than genetics is work ethic. Perseverance is the key. Praise your child working to learn!

Building on sorting by size in Chapter 1, your child will be comparing objects in this chapter. Using toys and other child-friendly objects in the classroom, then similar pictures in the text, your child will compare up to five objects by size and weight.

What can we do at home?

- Talk, talk, talk! With the math standards in our country catching up to international math standards, all of us must encourage children to discuss math on a regular basis.
- Have your child help you with any measurement you do. In Pre-Kindergarten, Kindergarten, and Grade 1 in Dimensions Math, children do not use standard units (inches, pounds, cups, meters, etc.) when measuring. In fact, in Pre-Kindergarten, children will not even be measuring with non-standard units (paper clips, ribbons, etc.). However, if you are measuring objects, ask your child questions such as, “Which _____ is longer/heavier/ heavier/lighter than this one?” “Which _____ is the smallest/longest/shortest/heaviest?”
- If you have balance scales at home, allow your child to compare the weights of small objects and discuss their findings with you.
- Read *Is It Larger? Is It Smaller?* by Tana Hoban to your child.

Vocabulary & Mathematical Terms

- Compare
- Smaller
- Smaller than
- Smallest
- Larger
- Larger than
- Largest
- Shorter
- Shorter than
- Shortest
- Longer
- Longer than
- Longest
- Height
- Tall
- Taller
- Taller than
- Tallest
- Weight
- Heavy
- Heavier
- Heavier than
- Heaviest
- Light
- Lighter
- Lighter than
- Lightest
- Balance scales