



# story telling MATH

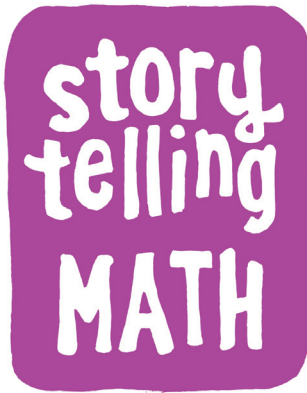


## Activity Guide

**Celebrate diversity, math, and the power of storytelling!**

Joyful stories and hands-on activities  
make it easy for kids and their grown-ups  
to explore everyday math together.



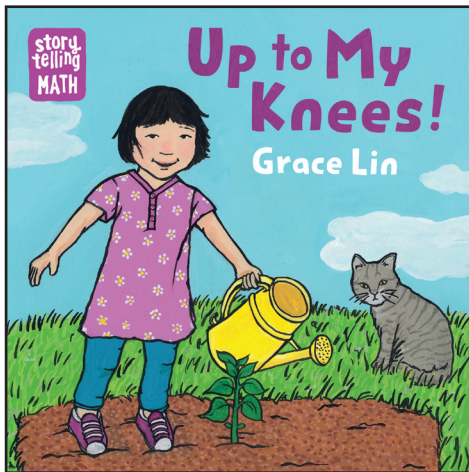


Storytelling Math celebrates children using math in their daily adventures as they play, build, and discover the world around them. Joyful stories and hands-on activities make it easy for kids and their grown-ups to explore everyday math together.

[www.charlesbridge.com/storytellingmath](http://www.charlesbridge.com/storytellingmath)

# Up to My Knees!

Math activities by Marlene Kliman, TERC



978-1-62354-123-1 BD  
e-book available

## About the Book

Time to garden! Mei plants a seed and watches it grow. Soon the little plant is up to her toes, then her knees, then her waist. How tall will it get?

## About the Math

Young children learn about measurement as they compare the sizes of things around them. In this story, Mei explores measurement as she compares the height of the plant to the height of her toe, knees, waist, and shoulders. At the end of the story, she finds that the plant is even taller than she is! Experiences like these help children make sense of rulers and yardsticks in later years.

*Douglas Clements*

*Kennedy Endowed Chair in Early Childhood Learning, executive director of the Marsico Institute for Early Learning and Literacy, and Distinguished University Professor, University of Denver*

## About the Author-Illustrator

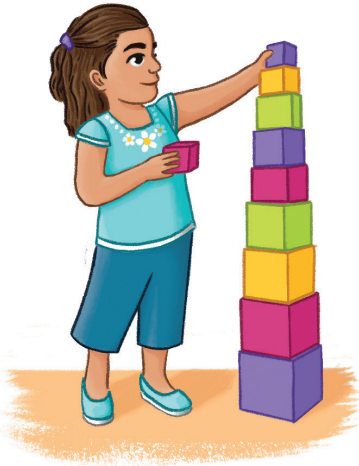
Grace Lin is a *New York Times* best-selling author and National Book Award finalist who has won a Caldecott Honor, a Newbery Honor, and a Theodor Seuss Geisel Honor. [www.gracelin.com](http://www.gracelin.com)





## Math Activities

Explore measurement with these activities!



### A Tower as Tall as I Am

Help children use blocks or empty boxes to build a tower as tall as they are. As children build, wonder out loud, "How can we tell if the tower is as tall as you?" Have children stand next to the tower to compare.

### Up to My Knees

Visit a park or green space to find a plant as high as your child's knee. Return to visit the plant every few weeks and ask: "Is the plant still as high as your knee? How can you tell if the plant is growing?"

### Hands Together

Hold your hand up against your child's hand. Talk together about how your hands compare in size, using words such as *wider*, *longer*, *taller*, *smaller*, and *thinner*. Point out that both hands have the same number of fingers!



### Talk About Tall

Help children notice heights in everyday life. Look for opportunities to compare heights of familiar things. "The baby doll is taller than the giraffe!" "That shelf is over your head, but you can reach it by stretching your arm up!"