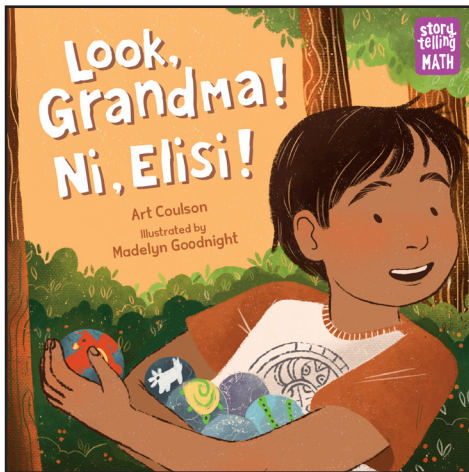


Storytelling Math celebrates children using math in their daily adventures as they play, build, and discover the world around them. Joyful stories and hands-on activities make it easy for kids and their grown-ups to explore everyday math together.

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

# Look, Grandma! Ni, Elisi!

Math activities by Marlene Kliman, TERC



978-1-62354-203-0 HC  
978-1-62354-204-7 PB  
e-book available

## About the Book

Bo is finally old enough to sell his homemade marbles at the Cherokee National Holiday. He finds the perfect tray to hold them all. But Grandma says it will take up too much space on the table in the family booth! How can something take up less space but still hold all the marbles?

## About the Math

Bo explores the math of volume, capacity, and area while participating in an important community tradition. As he searches for a container that holds all of his marbles and takes up just a little table space, he discovers that containers of different shapes can hold the same amount. Hands-on learning like this can help all children build math skills for school and daily life.

Look for opportunities for children to help you fill backpacks, lunchboxes, and other containers. Maybe you can ask them for help the next time you pack up leftovers!

*Dr. Sharon Nelson-Barber, Rappahannock descent  
Director, Culture & Language in STEM Education, WestEd*

## About the Author

Art Coulson is Cherokee from Oklahoma and the author of several children's books, including *Unstoppable: How Jim Thorpe and the Carlisle Indian School Football Team Defeated Army*. He lives with his family in Minneapolis, Minnesota. [www.artcoulson.com](http://www.artcoulson.com)

## About the Illustrator

Madelyn Goodnight is a member of the Chickasaw Nation. She lives in Oklahoma and is the illustrator of *The Pear Tree*. [www.madelyngoodnight.com](http://www.madelyngoodnight.com)



# Look, Grandma! Ni, Elisi!

## Math Activities

Explore volume, capacity, and area with these activities!

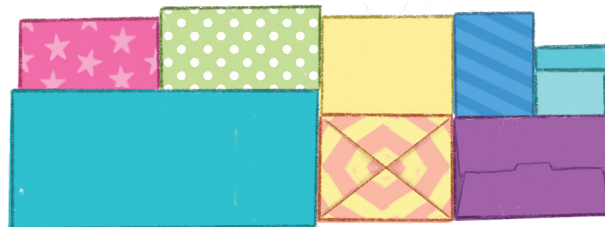
### Perfect Fit

Help children gather about twelve objects, such as small toys, to “sell” at a pretend craft booth. Ask them to find a container that holds all the objects snugly and takes up no more table space than a potholder.



### Same Boxes, Different Shape

Encourage children to use boxes or blocks to build a tower. Then have them use the same boxes or blocks to make something else. “You’ve made a very tall tower! Let’s see if we can use the same boxes to make a two-story building, like your school.”



### Which Holds the Most?

Gather three empty plastic containers with different shapes. Ask children: “Which do you think will hold the most water?” Explore ways to check their ideas. For instance, if children fill the container they think holds the most, what will happen when they try to pour the water into a smaller container?

