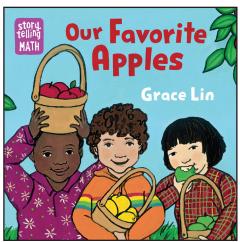


Storytelling Math celebrates children using math in their daily adventures as they play, build, and discover the world around them. Joyful stories and hands-on activities make it easy for kids and their grown-ups to explore everyday math together.

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### Our Favorite Apples

Math activities by Marlene Kliman, TERC



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#### About the Book

Manny, Olivia, and Mei pick lots and lots of apples. They sort them by color: yellow, red, and green. But some of the apples are all three colors. What should the friends do?

#### About the Math

As Manny, Mei, and Olivia share their apples, they explore the math of sorting. They notice the apples are different colors, so they decide to group them by color. But when three apples don't fit into their chosen color categories, they need to figure out what to do. As young children explore sorting, they learn about similarities, differences, and ways to organize and classify. They also learn that in math, just as in everyday life, sometimes things don't fit into neat categories!

Children sort all the time. Encourage them to tell you how the items in each group are alike. There are many ways to sort, and children's categories may surprise you!

Angela Chan Turrou, PhD Senior Researcher and Teacher Educator, UCLA School of Education



Grace Lin is a New York Times best-selling author, a National Book Award finalist, and a recipient of the Children's Literature Legacy Award. She has won the Caldecott Honor, the Newbery Honor, the Geisel Honor, and many other awards for her books. www.gracelin.com







## Our Favorite Apples

#### Math Activities

Explore sorting and classifying with these activities!

#### Organize with Egg Cartons

Invite children to use empty egg cartons or ice-cube trays to sort beads, small toys, or the contents of your junk drawer. Encourage them to talk about what objects they are putting together and why.

#### Sort by Person

When you're sorting clean laundry with children, discuss what goes with what. "Why do you think we put each person's clothes in a separate pile? How should we sort the towels?"

#### Gather Your Crayons and Draw!

Everyone draws a colorful picture. Then have children talk with a partner: "How are our pictures alike? How are they different?"

#### Make a Nature Collection

Go on a walk together. Everyone brings a bag and gathers a few natural objects, such as leaves, shells, and pinecones. Afterward, invite children to organize and display what they collected. Ask them to tell others about some of the special things they found.

