



Fun with Measuring

How Much is Too Much?

Beginner: While playing with water, pour it into different measuring containers (cups, bowls, plastic Tupperware).

[Tip]: Use words like: more, less, the same, empty, and full to explain and compare the water and cups you are using.

Intermediate: While playing with water, use different measuring containers to compare three or more containers and discuss which holds more, less, or the same water.

[Tip]: Does the shape make a difference in how much water it will hold (will the tall container hold the same amount as the wide container)?

Experienced: While playing with water, use 3 or more different sized containers and together take turns guessing which holds more, less, or the same amount of water.

[Tip]: Determine the answer using measuring cups.

Why is this important? Children can learn about volume and capacity through play.

Looking for more information? Check out our Fractions resource!

References: Bulunuz, Mizrap. (2013). Teaching science through play in kindergarten: does integrated play and science instruction build understanding? European Early Childhood Education Research Journal, 21(2), 226-249. DOI: 10.1080/1350293X.2013.789195