

Measurement



Thank you for your interest in this ***The Cat in the Hat Knows a Lot About That*** Ready to Learn backpack. The education team at Iowa PBS is excited that you have chosen to enrich your child's learning.

Contents

6 Books: *Peg + Cat: The Pizza Problem* by Jennifer Oxley and Billy Aronson
Me and the Measure of Things by Joan Sweeney
Set of four *Math Counts* books by Henry Pluckrose

Activities: Cat in the Hat: Measuring This and That, Ruff Ruffman: Chocolate Mug Cake, Sesame Street Measuring, Curious George Measures

Materials: Liquid Measuring set (Learning Resources) includes an 8-ounce liquid measuring cup; a 16-ounce liquid measuring cup (a pint); 1/4, 1/2 and 1 teaspoons; 1/2 and 1 tablespoons; 1/4, 1/3, 1/2 and 1 measuring cups; gill (1/2 cup), pint, quart, half-gallon and gallon measuring jars.

Play Together

Playing with your child can be fun for them and for you, and asking questions will help your child learn.

- The Cat in the Hat likes to use his hat or the snails to measure items. After practicing with the activity sheet, go around the house and measure different items using the hat or snails. Be sure to write down your measurements so that comparisons can be made.
- Use a shoe, glove, hat, or other object as an unusual measuring tool and measure more items in the house or yard. Do you notice any similarities? Which item always has the longest measurement? Which item always has the smallest measurement?
- You can measure many things in our world. Measure bounces: How high does a ball bounce? Which ball bounces the highest? Measure liquids: Which containers hold the most? What surprises were found? Measure a shadow at different times of the day.
- Featured vocabulary words include: tall, taller, tallest; heavy, heavier, heaviest; small, smaller, smallest; long, longer, longest.

Online Activities

Go to iowapbs.org/education/story/36383/science-resources-and-activities-ages-4-8 to learn about the PBS Kids Measure Up app with lessons on length, height, capacity and weight. This can be played on a computer or downloaded to a phone or tablet type device.

Find more information about Iowa PBS Education at iowapbs.org/education. More PBS educational content can be found at pbskids.org.