



Related Activities to Try at Home (page 1 of 2)

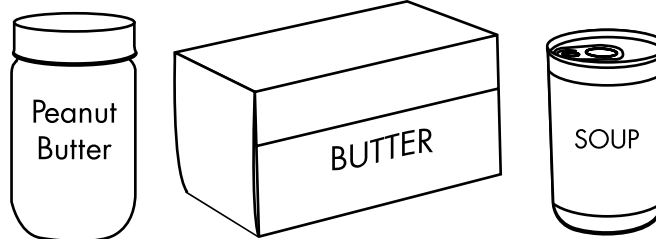
Dear Family,

The activities below are related to the mathematics in the geometry and measurement unit, *Prisms and Pyramids*. You can use the activities to enrich your child's mathematical learning experience.

How Many Packages in a Box? Many household items are packaged and sold in boxes. You and your child can take a large cardboard box and predict how many bars of soap (toothpaste, pudding, cereal boxes) would fit in that box. You might try a variety of boxes at home or explore the way things are packaged when you visit grocery stores or other stores.

Volume of a Room Another activity for exploring volume is to compare the amount of space in different rooms. At school, students will find the volume of their classroom in cubic meters. At home, your child can find the volume of various rooms. Which room do you think has the largest volume? Which room has the smallest volume? Why? Discuss how to compare rooms of unusual shapes (a slanted ceiling or an L-shape).

Comparing the Volume of Containers Comparing the amount of space inside objects of different shapes and sizes can be a fun visual challenge. Gather a variety of empty jars, boxes, and cans. Visually compare the containers and place them in order from least to greatest volume. Check your answer by using rice, sand, or water to measure.



(continued)



Related Activities to Try at Home (page 2 of 2)

Math and Literature You and your child can explore more math topics in this book. Look for a copy at your local library.

Juster, Norton. *The Phantom Tollbooth*.

