

Activity Instructions

Activity Name: Which Container Holds More?

Study: Recycling

Objective for Learning: 22 Compares and measures.



The following supplies are needed for this activity:
sand table or tubs of sand; various sizes of clean, clear plastic containers with smooth edges, e.g., ketchup bottle, peanut butter or mayonnaise jar, juice bottle, water bottle, and boxes; a paper cup, measuring cup, or can; funnel; paper and marker

Instructions:

1. Invite your child to join you at sand table. Encourage your child to explore the containers as they practice filling them. (if you don't have sand you could use rice)
2. Ask your child "which container do you think will hold the most sand? Why do you think so?" "How can we find out which container will hold more?"
3. Invite your child to test their predictions. If appropriate, demonstrate how to use the funnel when filling the containers. As your child fills the containers, use words, such as more, less, too much, too little, and same.
"Joko filled the peanut butter jar with sand. Now he's filling the juice bottle. Do you think each container will hold the same amount of sand?"
4. Show your child the measuring cup or can and demonstrate how to fill the containers. Invite your child to use the cup or can to fill the container.
" This cup or can is small, but the container is large. Let's count how many cups or cans it takes to fill the container."

Invite your child to continue the experiment with the containers and sand. Encourage your child to bring other containers to use in their explorations.

Going further:

*Use heavy materials, e.g., small pebbles, buttons, or other materials with various textures, e.g., birdseed, to encourage your child to explore. Allow them to explore the material on their own pace.

Invite your child to place their hands on top of yours to experience moving their hands through the sand.

Demonstrate each step, as you provide clear directions.

Include bright colored containers and funnels of various sizes