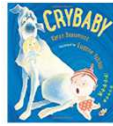




Water Transfer



Materials:

Week 1:

- Small dipping containers
- Bottles with various neck sizes
- Funnels (various sizes)
- Bottles with different caps (twist top, push top, squeeze)

Week 2:

- Pump bottles
- Spray bottles
- Target for spray
- Containers for filling and pouring
- Ping-Pong ball placed on a slice of pool noodle (target)

Vocabulary:

- Dip
- Submerge
- Fill
- Container
- Funnel
- Transfer
- Flow
- Prime
- Refill
- Aim
- Squirt
- Target
- Narrow

Preparation: Fill sensory table with water. Add material. See weekly plans for roll-out.

Intro to Centers:

Week 1:

“Today in Discovery you can transfer water with these materials. You can submerge a bottle to fill it with water or you can use dipping containers and funnels to fill bottles with water.”

“What do you notice when I submerge this bottle?”

Or

“A funnel is a tool that I can use to fill up a bottle with a small neck. When I use a funnel I can fill this bottle fast without spilling water.”

Show materials. Model.

Show materials. Model.

Week 2:

"I can fill this pump (spray) bottle by unscrewing the cap and submerging the bottle in the water. Now I'm putting the tube back in the bottle and screw on the cap."

"When I prime, push, the pump, the air in the tube comes out first before the water squirts (sprays) out."

"When you use the spray bottles, make sure to spray into the discovery table. You can use this ping pong ball as a target."

Show materials. Model.

During Centers:

Encourage children to work together, filling their bottles with water. Remind them that the water needs to stay in the table and to use a target for the spray bottles.

Guiding Questions during Centers:

- What is the fastest way to fill this bottle? Let's try and find out.
- Why do you see bubbles when you submerge your bottle?
- Why do people use funnels?
- Do you have any spray bottles in your home? What do you use them for?
How could you spray water without the bottle?

Thinking & Feedback: Invite children to share their processes. Encourage children to describe the challenges they might have encountered.

Documentation: Collect samples of the children's work as well as photographs and/or video of their process; use the documentation to launch a discussion during Thinking and Feedback.

Provocation: Use spray bottles filled with liquid water colors at the easel

