

Pour, Flow, Redirect!

Inspired by: FlowWorks

Recommended Age: 36–60 months

How this supports your child’s development:

- **STEM/Science Exploration** (understanding flow, force, volume)
- **Executive Function** (planning, predicting, testing ideas)
- **Fine Motor** (pouring, aiming, scooping)
- **Math Thinking** (measuring and comparing quantities)

At-Home Setup & Instructions:

1. **Water station:** Set up a large bin of water outside or in the bathtub along with some smaller containers.
2. **Tools:** Provide various containers (yogurt containers, cups, bowls, pitchers) and scoopers (ladles, measuring cups, spoons).
3. **Create water paths:** Use funnels, plastic tubes, or props to redirect water from one container to another.
4. **Prediction game:**
 - a. Choose one container to fill.
 - b. Ask your child to **predict how many scoops or ladles it will take** to fill it.
 - c. Use one scooper size to test their prediction.
 - d. Repeat with a different container or scooper and compare results.

Parent Tip:

Encourage your child to talk through their thinking: “You guessed 5 scoops. Was it more or less?” This builds early measurement skills, encourages reasoning, and keeps the play engaging. Use rich vocabulary: “Let’s make it go faster!” or “What happens if we block this part?” Encourage predictions and revisions.