# Sink or Float Lab

Category: Science & Curiosity | Ages: 3–4 | Time: 15 min | Prep: 2–3 minutes | Mess: Low | Indoor

## Why it matters

Predict whether everyday waterproof objects will sink to the bottom or float on top. In US preschool and kindergarten classrooms, teachers look for hands-on curiosity, comfortable focus for 10–15 minutes, and the confidence to try new ideas out loud. Practicing making predictions, observation, and cause-and-effect thinking through relaxed play builds lasting readiness without worksheet pressure.

## Materials checklist

[ ] A clear bowl or tub of water, a towel, and 6 items (spoon, cork, leaf, coin, plastic cup, sponge)

## Step-by-step instructions

1. Hold up one item and ask: “Do you think this will sink or float?”
2. Gently place it in the water and watch what happens together.
3. Sort items into two groups on the towel: Floaters and Sinkers.
4. Pause to ask your child what they noticed or enjoyed most about this part of the quest.
5. Tidy up the materials together as a calm finish—practicing classroom-ready clean-up habits!

## What to say

- “Let’s take our time and see what happens when we try Sink or Float Lab together!”
- “I noticed how carefully you focused on each step—what should we try next?”
- “Can you teach me how you did that?”

**Notes & observations:**