

Science

Technology

Engineering

Math

@ Home!

Sink or Float

Gather Materials:

- A tall drinking glass or bowl
- Water (enough to fill the glass/bowl)
- An assortment of objects to test (for example: spoons, twigs, coins, apple slices, string, sponges, anything that fits in the glass/bowl)
- Salt (optional)
- Stirring spoon (optional)

Try This:

1. **Make predictions about your items.** Which ones will sink and which ones will float? Will they sink quickly or float down gently? Will the floaters stay floating the whole time? Why do you think that?
2. **One at a time, gently place your items into the water.** Observe what happens.
3. **Return to your predictions** and talk about which guesses were right and which ones were wrong. Did anything surprise you?
4. Optional: add 2-3 tablespoons of salt to water in a glass. Stir until it's dissolved. Then repeat the experiment. Did anything change?