

Water Displacement Activity

What happens when you add objects to water? Find out in this activity!

You Will Need:

- A large tray or bucket to fill with water
- A smaller container that you can poke holes in (like a takeaway container)
- Small toy boats or other small objects that float
- Water
- Permanent marker
- Scissors, pencil, or a hole puncher
- Ruler
- Optional: Scale



Instructions:

1. Poke several holes into the sides of your smaller container near the bottom so that water will be able to flow in and out easily. ****Get an adult's help for this.**
2. Place the smaller container inside the larger bucket or tray and fill both containers until the smaller container is about half full. Mark a line where the water comes up.
3. If you have a scale, weigh your toys and record their weights below. Then, place the toys in the smaller tub one at a time and mark where the water level is with each toy.
4. Measure how much the water level rose with each toy and record.

Toy	Weight of Toy	Amount of Water Moved

Which toy moved the most water? _____

Which moved the least? _____