

# Science Experiment

## Instant Ice

### Materials:

- Plastic bottled water
- Glass or ceramic bowl
- Plastic tray or shallow metal cookie sheet
- Ice cubes
- Freezer

### Experiment:

- Put water bottles in the freezer for two hours. (You might want to set a timer to remind you to get them out!) Lay them on their sides for the best results, but try not to dent them.
- Remove the water bottles from the freezer before they freeze. (You'll know they're ready when crystals form when you jostle the bottles.)
- Place a ceramic bowl upside down on a flat surface (like a tray) to catch the water overage.
- Place an ice cube on top of the pouring surface.
- Then SLOWLY pour while instant ice forms!

### Follow up questions:

- Would the experiment work the same if the water had food colouring in it?
- Would the results be the same if you started with hot water in the bottles before you put them in the freezer?
- Does the temperature in the room change the results?
- How high of an ice tower can you pour before it breaks?

