



HOW TO MAKE INSTANT ICE



SUPPLIES:

- Plastic water bottles
- Glass or ceramic bowl
- Plastic tray or shallow cookie sheet
- Ice cubes
- Freezer
- Curious kids

PROCESS:

1. Put water bottles in the freezer for two hours. Lay them on their side for the best results but try not to dent the plastic bottles.
2. Remove them before they freeze. (You'll know they're ready because crystals will form when you jostle the bottle.)
3. Place a ceramic bowl upside down on a flat surface like a tray to catch the water overage.
4. Place an ice cube on top of the pouring surface.
5. Then SLOWLY pour while instant ice forms!



INSTANT ICE WORKSHEET

1. Would the experiment work the same if the water had food coloring in it? _____
2. Would the results be the same if you started with warm water in the bottles before you put them in the freezer?

3. Does the temperature in the room change the result?

4. How high of an ice tower can you make before it breaks?

