






Watch Video

Sunlight Warms the Earth Activity for Kids

Ice Melting Race DIY

 Duration: **45 minutes**  Difficulty: **Easy**  Cost: **\$0 to \$5**

Compare how fast ice cubes melt in the sun vs. in the shade.

Material List

- 2** Plastic containers or ice cube trays
- 2** Small plastic toys
- 1** Cardboard box
- 2** Paper plates
- 1** Freezer

Instructions

- 1** Fill up two containers with equal amounts of water.
- 2** Place a small plastic toy in each container.
- 3** Ask an adult to help you freeze the container overnight.
- 4** Place the frozen blocks on paper plates.
- 5** Place one plate in the sun, and another inside the shade of a cardboard box.
- 6** Observe for a few hours.

How It Works

Sunlight warms the blocks of ice which results in the ice melting. Melting is when something turns from a solid to a liquid. The blocks of ice that were shaded from the sun melted more slowly than the block of ice that was in direct sunlight. This is because sunlight warms things up.