

## **Salt Water to Slow Ice Melting**

### Instructions

#### Materials:

Table salt  
Water  
Colored ice cube

#### Set Up:

1. Prepare ahead of time a tray of ice cubes. You can add food coloring to make the ice cubes more visible.
2. Fill two large beakers with water

#### Demo Procedure:

1. Place two colored ice cubes on watch glass next to the two beakers of water.
2. Add salt to one of the beakers; stir to dissolve all the salt.
3. Let the two beakers sit for a few minutes so that the solutions are still.
4. Gently slide the ice cubes into the beakers and start the timer.
5. The ice cube sitting in water dissolves much quicker than the ice cube in salt water.