

# Bubbling Colors



1 minute

## What You Will Do

Examine the sublimation of dry ice.

## Get it Together

- ◆ Food coloring (several colors)
- ◆ Several tall jars
- ◆ Several chunks of dry ice
- ◆ Water

## Procedure

1. Fill the jars with water.
2. Place a few drops of food coloring in each jar. Stir.
3. Add a chunk of dry ice to each jar.

## A Closer Look

The water's temperature is higher than that of the dry ice, and this causes the dry ice to sublime, or turn from a solid into a gas, faster than normal. The carbon dioxide bubbles escape with such a force that it resembles boiling water. The food coloring is just for effect.

## Attention!

Use caution when working with dry ice. Wear gloves because it can burn your skin. Do only under adult supervision.



## Clean Up

Allow the ice to completely evaporate, then pour the water down the drain.