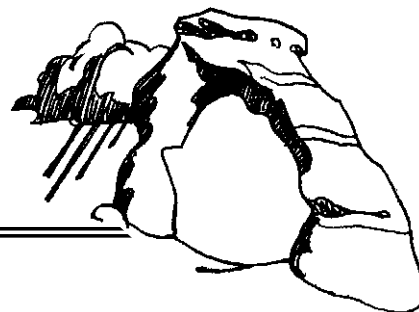


# Condensation Chambers



## Discussion Question:

Why does water collect on the bathroom mirror when someone takes a hot shower?



## Neat Facts:

- **Condensation** of water vapor occurs when a mirror appears to fog up when someone takes a shower.
- **Condensation** also occurs when chilled car windows fog up on the inside.

Create your own condensation chamber by following the steps below.



## Materials:

2 clear plastic cups  
tape  
1 graduated cylinder  
water

## Assembly Steps:

- Step 1: Write your name or group number on the cup.  
Step 2: Measure 20 ml (2 tbsp.) of water and add it to one cup.  
Step 3: Place the second cup upside down over the first cup as illustrated.  
Step 4: Use tape to connect the two cups.

