



Water in the Atmosphere

Inquiry Warm-Up, *Where Did the Water Go?*

In the Inquiry Warm-Up, you investigated water evaporation. Using what you learned from that activity, answer the questions below.

- 1. CONTROL VARIABLES** How would the results have been different if you had used 20 mL of water?

- 2. INFER** Why do you think the salt did not evaporate?

- 3. ANALYZE SOURCES OF ERROR** Did the water disappear? Explain.

- 4. CALCULATE** Measure the amount of water left and subtract it from the original amount of water. Use that amount and the time it your beaker was on the water to find the unit rate for evaporation under these conditions. How long would it take for 50 mL to evaporate?
