

HOME ACTIVITY

Drying Laundry

Today I learned that:

Temperature and surface area affect evaporation rates. In class we measured and compared how different-sized water puddles evaporate.



Fun Focus:

This home activity will demonstrate some of the factors that influence evaporation.



Materials:

- 4 Paper towels
- Water
- Teaspoon
- Fan



Procedure:

- 1 Place one teaspoon of water on each of the 4 paper towels.
- 2 Put one towel in a cold place and one towel in a warm place. Observe both to see which dries first. Record the drying times.
- 3 Put another towel in a breezy place (fan) and one where there is not a breeze. Record the drying times.

| Condition | Cold | Warm | Breezy | No breeze |
|-------------|------|------|--------|-----------|
| Location | | | | |
| Drying time | | | | |

- 4 Discuss what happened with family members.
- 5 Talk with a grandparent or an older neighbor and ask how they dried clothing when they were young. Write about your discussion.
- 6 What conclusions can be made from doing this activity?