

Equipment

- ◇ A timer, such as a watch, clock with a second hand, or smart phone
- ◇ A Styrofoam or paper cup
- ◇ A paper clip
- ◇ A clear measuring container that measures milliliters (such as a graduated cylinder)

**Experiment Directions**

- Make a table with columns for recording time (in 5-second intervals) and the amount of water lost (in ml).
- Use the paper clip to punch a hole in the bottom of the paper cup. Cover the hole with your finger.
- Fill the cup with water.
- Hold the paper cup over the measuring container.
- When you are ready to begin timing, uncover the hole so that the water drips into the measuring container.
- Record the amount of water in the measuring container at 5-second intervals for a minute.