

# You can observe transpiration

Even though leaves look and feel dry, moisture slowly but constantly comes out of leaves.

## Can you see the water that comes out of the leaves of a plant?

### What you'll need:

- A clear plastic bag
- A piece of string or rubber band, or twisty tie
- A plant

### What you'll do:

1. Seal a plastic bag over the leaves of a living plant.



2. Leave it in sunlight for an hour to see what happens.



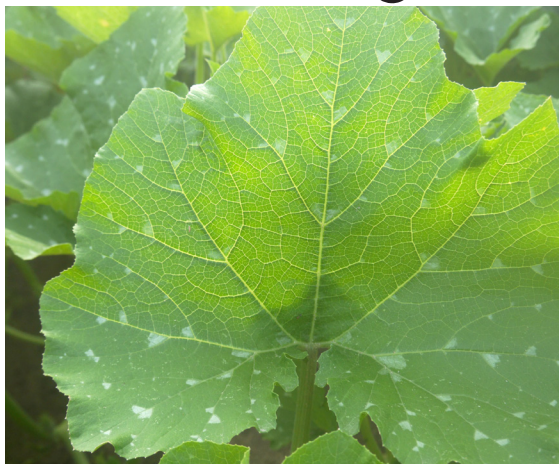
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Describe the changes that you see. What happened inside the bag?

Water droplets formed inside the plastic bag. The bag was sealed and  
dry when I left it so I know that the water droplets could have only  
come from the leaves.

**Draw before and after:** Draw what you observed

Note: Sometimes, quite a bit of water forms inside the bags. Often there is enough to pour out a small amount of water from the bag. If your students each used a bag, have all your students pour their water into a single container and then measure the volume of the water with Tedros test tube in milliliters.



A plant with water stands upright, tall, proud and happy. A plant without water looks droopy and sad.