

# Activity E.1

## Leaf Transpiration



### You need:

- ◆ Clear, dry freezer bag
- ◆ Twist tie or string
- ◆ Healthy plant in sunny location
- ◆ Measuring cup

### Method:

1. Choose a plant
2. Place dry freezer bag over a branch and secure with twist tie or string.
3. Leave this bag on the plant for 1 day.
4. Record what you think will happen.
5. Go back to plant and observe contents of the bag. Carefully remove the bag from the plant.
6. Record your observations. What did you find in the freezer bag the next day? Measure the liquid in the bag.
7. Why do you think this happened?

**Before** you start, *PREDICT* what you think is going to happen.

I think that: .....

.....

.....

Because .....

.....

.....

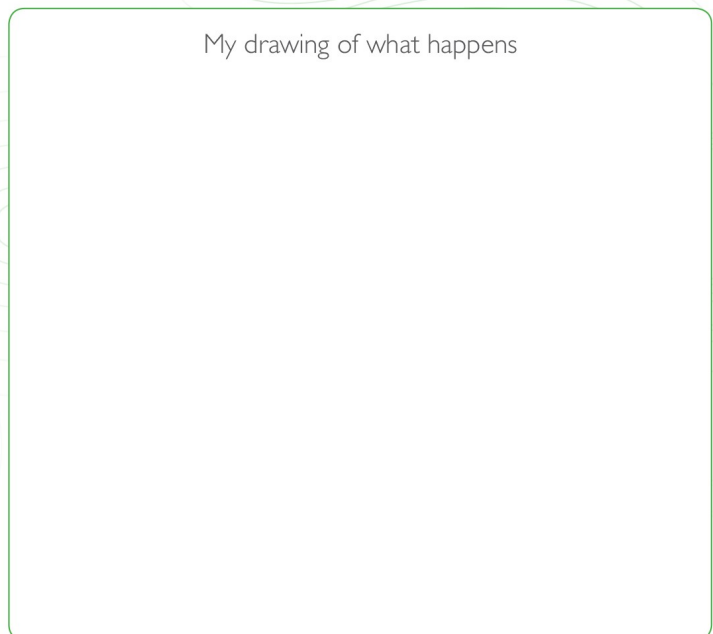


**During** your experiment use your senses to *OBSERVE* what is happening.

I saw: .....

.....

.....



**After** you have finished your experiment *EXPLAIN* what happened.

I think this happened because: .....

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