

Two Wind Experiments

Experiment 1

Materials Needed

- 1 Medium or large electric fan with a low and high setting
 - 2 Separate piles of leaves
- Journal

Part 1

Place a fan on a table with a small pile of leaves in front of it (about 6 inches away from the fan). Turn the fan on at its lowest setting and observe how the leaves move as if the fan is a light breeze blowing the leaves. Write down notes in your journal as you observe the leaves. Leave the leaves where they are.

Part 2

Move the fan to a different area of the room. Place the second pile of leaves 6 inches in front of the fan. Turn the fan on at its highest setting. Observe how the leaves move and what happens to them as if the fan is a heavy wind blowing the leaves. Write notes in your journal as you observe the leaves.

Writing prompts for your journal

1. Was there a big difference between the two settings of the fan (the light breeze and the heavy wind)?
2. What happened to the two sets of leaves?

Experiment 2

Materials Needed

- 1 Medium or large electric fan with a low and high setting
 - At least one person to sit or stand in front of the fan
- Journal

Part 1

A person sits or stands in front of a fan about 6 inches away. Turn the fan on at its lowest setting and feel the light breeze hit your face.

Part 2

A person sits or stands in front of a fan about 6 inches away. Turn the fan on at its highest setting and feel the wind hit your face.

Writing prompts for your journal

1. What did it feel like when the fan was at its lowest setting? Highest setting?
2. What were the different effects the different settings had on you?

(Be descriptive and give lots of detail)