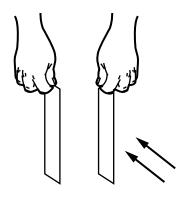
The gentle, low-speed air causes little or no movement in

Section 13.2 Interest Grabber

Using Pressure Differences to Move Objects

What do you think will happen when highspeed air is blown between two strips of paper? To find out, hold two strips of paper facing one another, about 10 centimeters apart, as shown below.



Blow gently between the strips of paper and observe what happens. Then repeat the process, but blow forcefully between the paper strips.

- 1. What happens when gentle, low-speed air is blown between the strips of paper?
- 2. What happens when high-speed air is blown between the strips of paper?
- 3. Based on your observations, try to infer how the speed of the air affects the air pressure acting on the inside and outside faces of the strips of paper.

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