

# What Happens to the **Balls** When U **Blow** on them?

## What is Needed

Two golf balls suspended about 1 inch apart

## What to Do

Suspend two golf balls by strings so that they are approximately 1 inch apart.  
Blow vigorously between the two golf balls.

## What is Happening

The high speed of the air between the golf balls reduces the air pressure between the balls.  
The result? The ordinary air on the outside of the wooden balls, simply atmospheric pressure, pushes the balls together, so as you blow, the wooden balls come closer together.

This follows Bernoulli's Principle:

Where the speed of a fluid, including air, increases, the pressure in the fluid decreases.

## Other Things to Try

If you want to show Bernoulli's Principle to your family at home, you can do it!  
Suspend two apples from string, tied to your shower curtain. Blow between the apples.

Purdue University Physics Dept. Physics on the Road Hands - On Lida Wu Illustrate

