

Bernoulli's Principle Student Worksheet

Activity	Observations
The Stubborn Card	
The "Heavy" Ball	
The "Floating" Ball	
The Atomizer	
Wind Bag Demonstration	

Activity 1

1. Explain why the card did not blow away even with a strong blowing force.

Activity 2

2. Were you able to blow the ball out of the cup? Use Bernoulli's principle to explain the "Heavy" Ball.

Activity 3

3. Use Bernoulli's principle to explain why the ball remained in the column of air of the "Bernoulli demonstrator."

Activity 4

4. What caused the water to rise up the straw when air was blown across the open end?

Teacher Demonstration

5. Explain the procedure for filling the Wind Bag. Why does blowing on the opening of the Wind Bag from several centimeters away fill the bag faster than cupping the bag around the mouth and blowing directly into the bag?