Bernoulli’s Principle

**Lip Levitation**

**Procedure:**

1. Take a long strip of paper approximately 27 cm long by 6 cm wide and place it below your bottom lip.
2. Predict what will happen when you blow over the top of it.
3. Blow over the top of it.
4. Record observations and inferences.

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| **Hypothesis/Prediction** | **Observations** |
|  |  |

\*You may choose to draw a diagram portraying your prediction and observations.

**Balloons That Boggle**

**Procedure:**

1. Blow up two balloons and tie each one to a string.
2. Hold the balloons a few inches apart.
3. Predict what will happen when you blow between them.
4. Blow between them.
5. Record observations and inferences.

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| **Hypothesis/Prediction** | **Observations** |
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\*You may choose to draw a diagram portraying your prediction and observations.

**Blowing in the Wind**

**Procedure:**

*Part A*

1. Fold a sheet of paper in half to create a tent shape.
2. Predict what will happen when you blow through the tent. Record.
3. Stand the tent up on a table and hold the near corners between your thumbs and forefingers.
4. Blow through the tent.
5. Record observations and inferences.

*Part B*

1. Fold a sheet of paper in a squared tunnel shape.
2. Predict what will happen when you blow through the tunnel. Record.
3. Stand the tunnel up on a table and hold the near corners between your thumbs and forefingers.
4. Blow through the tunnel.
5. Record observations and inferences.

*Part C*

1. Place two pop cans approximately 2.5 cm apart.
2. Predict what will happen when you blow between the two cans.
3. Try blowing between the two cans.
4. Record observations and inferences.

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|  | **Hypothesis/Predictions** | **Observations** |
| *Part A* |  |  |
| *Part B* |  |  |
| *Part C* |  |  |

Choose one of the station experiments and describe how it demonstrates Bernoulli’s principle? It may be helpful to draw a diagram. (Hint: recall lift, high air pressure, and low air pressure)

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