**What You Need:**
- 1 long, flat, smooth surface
- 1 meter stick
- 1 8-12 oz. plastic cup
- 12 pennies

**Safety:**
Be cautious if you have respiratory or health problems. Be sure it is safe to involve yourself in this lab. Stop immediately if you have problems with this lab!

**What to do:**
1. Place your chin on the long end of your table.
2. Place the container with 3 pennies in it 15 cm from your chin.
3. Blow as hard as you can on the container. Measure how far the container travels in centimeters. (Note: Round to the nearest centimeter.) Record on the data table. Conduct and record a total of 3 trials.
4. Repeat Steps 1-3 with 6, 9, and 12 pennies in the container.

**What did you learn?**
1. How did the number of pennies affect the distance you could blow the cup?
2. How could you improve this experiment?
3. What other experiment could you conduct with the same materials?
EXPERIMENT REPORT
(Short Form)

Name __________________________ Block _______

Title: ____________________________________________________________

__________________________________________________________________

Hypothesis:
__________________________________________________________________

__________________________________________________________________

Experimental Design:

<table>
<thead>
<tr>
<th>IV</th>
<th>Levels</th>
<th>Trials</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DV</th>
<th>Constants:</th>
<th>(1)</th>
<th>(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(3)</td>
<td></td>
<td>(4)</td>
</tr>
</tbody>
</table>

Control:

Data Table:

<table>
<thead>
<tr>
<th>IV</th>
<th>DV</th>
<th>Mean</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Graph:

Results Summary: ___________

__________________________________________________________________

Conclusion: ________________________________________________________