



Huff, Puff, & Slide



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:

Levels	IV
Trials	

DV
Constants: (1) (2)
(3) (4)
Control:

Data Table:

IV	DV	Mean	Range

Graph:



Results Summary: _____

Conclusion: _____
