

# Activity: Book Blast

**Problem:** *What happens when you compress air?*

**Hypothesis/Prediction:**

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**Materials:**

- 2 paperback books
- 1 large balloon or bag

**Variables:**

**Controlled:** \_\_\_\_\_

**Independent/Manipulated:** \_\_\_\_\_

**Dependent:** \_\_\_\_\_

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**Procedure:**

1. Challenge a friend to move 2 books stacked on top of one another on a table by simply blowing at them. Of course, your friend won't be able to do it!
2. Place a large plastic bag on the table, and put the 2 books on top of the bag. Leave the open end of the bag sticking out over the edge of the table.
3. Hold the opening together, leaving a hole as small as possible. Blow into the bag. Take your time; stop to rest if you need to. Observe.

**Observations:**

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**Inference/Conclusions:**

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