

Air Pressure Changes Around Soda Cans

- 1. Line up the straws about $\frac{1}{2}$ inch apart on a flat surface.**
- 2. Place the two cans upright on the straws about two to four inches apart.**



- 3. Predict what will happen when you blow air between the cans.**
- 4. After you try it, see the next page for a view of Starbase students doing the experiment.**

STARBASE STUDENTS IN ACTION:



Conclusion:

Air around curved surfaces reduces the pressure between the two surfaces (the cola cans). As the cans move together, they push the straws out and to the right of the cans. Try different shapes and sizes of containers.

This activity was modified and illustrated by Pat Smith, STARBASE Instructor.