

**Launch Lab****LESSON 2: 10 minutes**

How can temperature affect pressure?

Air molecules that have low energy can be packed closely together. As energy is added to the molecules, they begin to move and bump into one another.

Procedure

1. Read and complete a lab safety form.
2. Close a **resealable plastic bag** except for a small opening. Insert a **straw** through the opening and blow air into the bag until it is as firm as possible. Remove the straw and quickly seal the bag.
3. Submerge the bag in a **container** of **ice water** and hold it there for 2 minutes. Record your observations in your Science Journal.
4. Remove the bag from the ice water and submerge it in **warm water** for 2 minutes. Record your observations.

Think About This

1. What do the results tell you about the movement of air molecules in cold air and in warm air?

2.  **Key Concept** What property of the air is demonstrated in this activity?
