

## **Station 2: Wine Bottle and a Balloon**

### Materials:

- Empty wine bottle
- Wine pump
- Small balloon

### Procedure:

1. Put a small amount of air into the balloon, seal it, and drop it into the bottle.  
(This step won't be necessary for subsequent groups.)
2. Connect the wine pump to the bottle and start pumping air out of the bottle.
3. Complete questions on activity sheet.
4. Release the vacuum so that the bottle is ready for the next group.

### Stop and Think Questions

**3:** What happened to the balloon as you pumped air out of the bottle?

**4:** Brainstorm an explanation for why this happened.