

## **Conservation of Mass (Balloon)**

### Instructions

#### Materials:

Balloon

Electronic balance

#### Demo Procedure:

1. Place a balloon on an electronic balance.
2. Zero the balance.
3. Blow up the balloon and tied it off.
4. Reweigh the balloon to show that the inflated balloon has gained mass.
5. Deflate the balloon and reweight it.
6. The balance will show a loss of mass due to loss of air.