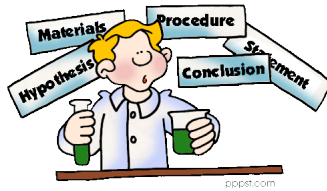


Name _____



Science Experiment:

Tip (#139)
Cycle 1, Week 18

Purpose: To determine if air has _____.

Hypothesis: _____

Materials:	modeling clay	masking tape
	yardstick	2-foot thick cord
	9-inch balloon	straight pen
	string	

Procedure:

- Place a piece of clay on one end of the yardstick.
- Inflate the balloon to its maximum size and use string to attach it to the yardstick on the end opposite the clay.
- Place a small strip of tape about 1 inch long on the side of the inflated balloon, near the neck.
- Use the thick cord to suspend the yardstick. Move the cord so that the stick balances.
- Attach the top end of the cord to the side of a table or door frame so that the yardstick hangs freely.
- Slowly insert the pin through the strip of tape and into the balloon. Remove the pin.

Draw/Write **Observations** in the box.

Results:

The end of the stick with the clay tips _____ as the air leaves the balloon.

Why:

Air has _____. As the air leaves the balloon, the side of the stick with the balloon becomes lighter. The Earth is surrounded by an ocean of air, which weighs so much that every square inch of the Earth supports about 14.7 pounds of air.