

# Does Air Have Mass?

Name: \_\_\_\_\_

Per: \_\_\_\_\_

**Goal:** To design an investigation to answer the question: Does air have mass?

**Materials available:** Small scales, beach balls, air pump, Petri dish

**ESSENTIAL QUESTION:** Does air have mass?

**CLAIM/PREDICTION:** Write a claim statement that answers the essential question. Use a complete sentence.

**MATERIALS:** What will you use?

**PROCEDURE:** Write a LIST. A verb must be the first word of each step. It must be checked by Barb before you may begin your experiment.

**DATA COLLECTION:**

Create a data table to help organize your results.

**EVIDENCE AND REASONING:** What evidence did you collect that helps answer the essential question: Does Air Have Mass? Does the evidence you collected support your claim? Explain your reasoning. ,

*BE SURE TO INCLUDE EVIDENCE (important data) IN YOUR ANSWER AND LABEL UNITS.*

**CONCLUSION:**

1. Explain what you learned from the results of your investigation
2. What questions do you have as a result of your findings?
3. Also suggest what you would do next if you were going to investigate further.

