

The image features two large, thick black L-shaped brackets. One is positioned in the top-left corner, and the other is in the bottom-right corner, framing the central text. The background is a light beige color with a subtle gradient.

DO I MATTER PART 2

Topic: How do we measure matter?

Goal: I will be able to measure matter in its three different forms.

HW: Page 5 "Explain" section and Back page "Am I made of Matter?"

Do Now: What are some ways you believe we can measure matter?

TAKE OUT DO I MATTER BOOKLET

To find out if something is made of matter.... (page 4)

- You must measure the objects mass in grams using a triple beam balance
- You must measure the objects volume in milliliters using a graduated cylinder

What is mass?

- **Mass:** total amount of matter in an object
 - *Does NOT rely on gravity*
 - **Examples) anything with matter has mass**

What is volume?

- **Volume:** the amount of space and object or substance occupies
 - *How much room something takes up*
 - Examples) you have 16oz of water in your water bottle

How do we prove something is made of matter?- page 5

- Matter must have a mass and volume.
- *Let's make predictions....*

In this lab, you will rotate through three stations. At each station, you will measure an object, thing, or substance.

Please record your measurements WITH UNITS on page 5

Clean up

- Clean up any spilt liquid
- Re-set tables
- Re-fill any containers with water.