

# Measurement Matters Lab Instructions

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## Measuring equipment needed:

- Balances (4)
  - Electronic
  - Triple-beam
- Centimeter ruler (2)
- Measuring tape
- Meter stick
- Milliliter cylinder (2)
- Milliliter ruler
- Kilometer measure

## Supplies to be measured:

- Biscuit
- Cookie sheet
- Flour (any amount)
- Ground beef (any amount)
- Milk, any amount
- Muffin
- Orange
- Salad plate
- Soda (any amount)
- Sugar (any amount)
- Table
- Tablecloth, rectangle

1. Set up 12 measuring stations according to the Measurement Stations and place a card at each station.
2. **Note:** Measuring equipment and supplies may be substituted for other available equipment and supplies.
3. Distribute the handout Measurement Matters Lab Worksheet to students.
4. Identify the measuring equipment with the students.
5. Instruct the students that they will be measuring items with the measuring devices and will visit all 12 stations.
6. Remind students of the importance of measuring accurately and precisely.
7. They should record the results on their worksheet.
8. Data will vary according to length and mass of supplies.