

Measurement and Safety Study Guide- Science

1. Report all accidents to your teacher. Never clean up spills or accidents by yourself. Never taste or smell chemicals in the lab.
2. Your hypothesis does not need to be correct. You should never change your hypothesis.
3. Remember to always read through the directions before starting an activity or lab.
4. In science we use the metric scale (meters, grams, Celsius, liters).
5. Color is not quantitative data.
6. Biology is the study of living organisms.
7. Know what a triple beam balance, ruler, thermometer, and graduated cylinder are used for.
8. When finding volume, always measure from the bottom of the meniscus.
9. Be able to convert measurements.
 - a. $2 \text{ km} = \underline{\hspace{2cm}} \text{ m}$ (2,000)
 - b. $30,000 \text{ mm} = \underline{\hspace{2cm}} \text{ m}$ (30)
 - c. $5500 \text{ L} = \underline{\hspace{2cm}} \text{ kL}$ (5.5)
 - d. $8 \text{ g} = \underline{\hspace{2cm}} \text{ mg}$ (8,000)
 - e. $60,000 \text{ cm} = \underline{\hspace{2cm}} \text{ km}$ (0.6)